

San Francisco Bay Area Regional Priority Projects and Programs

Attachment 4. Budget

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Summary Proposal Budget

The total cost of implementing the five regional programs in this Proposal is \$124.3 million. Of this amount, \$85.31 million (69%) is non-state match funding, \$9.17 million is other state funding, and \$29.72 million is being requested as part of the Proposition 84 Round 1 Implementation Grant Program.

The budget tables in this attachment are ordered as follows:

- 1) Overall Proposal Summary Budget (Table 8)
- 2) Program Summary Budget (Table 8)
- 3) Project Budget (Table 7)
- 4) Budget Details
- 5) Budget Attachments and Supporting Documentation

In accordance with the PSP, the budget items align with the work tasks described in Attachment 3 – Work Plan and Attachment 5 – Schedule.

Table 8 - Summary Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Individual Project Title		Non-State Share (Funding Match)	Requested Grant Funding (DWR Grant Amount)	Other State Funds Being Used	Total	% Funding Match
0	Grant Administration	\$100,000	\$743,000	\$0	\$843,000	12%
1	Regional Recycled Water Program	\$55,641,000	\$10,000,000	\$0	\$65,641,000	85%
2	Regional Water Conservation Program	\$6,406,872	\$8,952,685	\$0	\$15,359,557	42%
3	Wetland Ecosystem Restoration Program	\$17,871,175	\$3,750,000	\$9,171,180	\$30,792,356	58%
4	Regional Green Infrastructure Capacity Building Program	\$4,615,892	\$4,565,881	\$0	\$9,181,773	50%
5	Integrated Water Quality Improvement, Flood Management and Ecosystem Restoration in Bay Area Disadvantaged Communities	\$674,589	\$1,703,860	\$0	\$2,378,449	28%
	Grand Total (Sum rows (a) through (h) for each column)	\$85,309,528	\$29,715,426	\$9,171,180	\$124,196,134	69%

Budget Information for Grant Administration

Grant Administration Estimate - Bay Area Prop 84 Implementation Grant

Task Subtask		State	State	Non- State	Non- State	Total Cost	\$180	\$165	\$165	\$300	\$55	\$120	10%										5%			
							Annual Labor Hrs per Task																			
							Grant	BACWA	BACWA	BACWA	BACWA	Hours /	Annual	ODC	Annual	# Yrs /	Total	Total	Total with	Total	w/Indirect					
	Admin Element	%	Share(\$)	%	Share(\$)		Consult.	Mgr	Ex.Dir	Legal	Asst.	Acct.	Yr.	Labor Subtotal	Annual Costs	Subtotal	Task	Hours	Total	Conting.	w/Indirect Costs (IDC)					
1	Administration/Implementation						GRANT FUNDED																			
	1	Finalize Grant Agr w/DWR	77%	\$743,092	26%	\$257,865	\$1,000,957	0	80	20	80	8	0	188	\$40,940	\$400	\$41,340	1	188	\$41,340	\$45,474	\$47,748				
	2	Finalize Implem. Agr w/Agencies	73%	\$47,702	27%	\$17,700	\$65,402	0	40	40	80	20	20	200	\$40,700	\$600	\$41,300	1	200	\$41,300	\$45,430	\$47,702				
	3	Quarterly Reports	71%	\$143,936	29%	\$59,400	\$203,336	160	32	4	0	8	8	212	\$36,140	\$5,400	\$41,540	3	636	\$124,620	\$137,082	\$143,936				
	4a	Invoicing to DWR (Qtr)	56%	\$80,457	44%	\$63,720	\$144,177	40	80	8	0	8	8	144	\$23,120	\$100	\$23,220	3	432	\$69,660	\$76,626	\$80,457				
	4b	Reimbursement Process (Qtr)	92%	\$129,938	8%	\$11,745	\$141,683	0	120	20	0	80	80	300	\$37,100	\$400	\$37,500	3	900	\$112,500	\$123,750	\$129,938				
	5	Bookkeeping, Auditing	61%	\$34,304	39%	\$21,600	\$55,904	0	0	4	0	8	40	52	\$5,900	\$4,000	\$9,900	3	156	\$29,700	\$32,670	\$34,304				
	6	Coord Mtgs, Support, Mtn Records	83%	\$194,387	17%	\$39,600	\$233,987	160	120	20	0	40	0	340	\$54,100	\$2,000	\$56,100	3	1020	\$168,300	\$185,130	\$194,387				
	7	Field Vists, DWR Final Insp., Proj Compl.	69%	\$64,622	31%	\$29,700	\$94,322	80	20	2	0	4	0	106	\$18,250	\$400	\$18,650	3	318	\$55,950	\$61,545	\$64,622				
								440	492	118	160	176	156	1542	\$256,250	\$13,300	\$269,550		3,850	\$643,370	\$707,707	\$743,092				
								Rates	Totals by Position		Hours		Cost	w/conting.	w/IDC											
								\$165	Agency Staff w O/H		1,236	\$	203,940	\$224,334	\$		235,551									
								\$165	BACWA ED		234	\$	38,610	\$42,471	\$		44,595									
								\$55	BACWA Asst		472	\$	25,960	\$28,556	\$		29,984									
								\$120	BACWA Acct		428	\$	51,360	\$56,496	\$		59,321									
								\$300	BACWA Legal		160	\$	48,000	\$52,800	\$		55,440									
								\$180	Consultant		1,320	\$	237,600	\$261,360	\$		274,428									
											3,850	\$	605,470	\$666,017	\$		699,318	Subtotal								
									Other Direct Costs (ODC)			\$	37,900	\$41,690	\$		43,775									
												\$	643,370	\$707,707	\$		743,092	Grand Total								

Budget Information for Program 1: Regional Recycled Water Program

This program consists of the following projects –

- (a) CCCSD-Concord Recycled Water Project
- (b) DSRSD Central Dublin Recycled Water Distribution and Retrofit Project
- (c) EBMUD East Bayshore Phase 1A-I-80
- (d) MMWD Peacock Gap Recycled Water Extension
- (e) NBWRA Program
 - (e.1) NMWD Novato North Service Area Project
 - (e.2) LGVSD Novato South Service Area Project
 - (e.3) NSH Pipeline Construction Stage 1 Project
 - (e.4) Sonoma Valley Recycled Water Stage 1 Project
- (f) SFPUC Harding Park Recycled Water Project
- (g) SBWR Industrial Expansion and Reliability

Table 8. Summary Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

1. Bay Area Regional Recycled Water Program

Individual Project Title		Non-State Share (Funding Match)	Requested Grant Funding (DWR Grant Amount)	Other State Funds Being Used	Total	% Funding Match
(a)	CCCSD-Concord Recycled Water Project	\$3,170,000	\$1,030,000	\$0	\$4,200,000	75%
(b)	DSRSD Central Dublin Recycled Water Distribution and Retrofit Project	\$2,970,000	\$1,130,000	\$0	\$4,100,000	72%
(c)	EBMUD East Bayshore Phase 1A-I-80	\$1,445,000	\$741,000	\$0	\$2,186,000	66%
(d)	MMWD Peacock Gap Recycled Water Extension	\$9,636,000	\$500,000	\$0	\$10,136,000	95%
(e)	NBWRA Program					
(e.1)	NMWD Novato North Service Area Project	\$10,892,000	\$500,000	\$0	\$11,392,000	96%
(e.2)	LGVSD Novato South Service Area Project	\$11,131,000	\$500,000	\$0	\$11,631,000	96%
(e.3)	NSH Pipeline Construction Stage 1 Project	\$2,557,000	\$500,000	\$0	\$3,057,000	84%
(e.4)	Sonoma Valley Recycled Water Stage 1 Project	\$4,500,000	\$500,000	\$0	\$5,000,000	90%
(f)	SFPUC Harding Park Recycled Water Project	\$6,322,000	\$2,114,000	\$0	\$8,436,000	75%
(g)	SBWR Industrial Expansion and Reliability	\$3,018,000	\$2,485,000	\$0	\$5,503,000	55%
	Grand Total	\$55,641,000	\$10,000,000	\$0	\$65,641,000	85%

Project Title: CCCSD-Concord Recycled Water Project

1. Note that all costs have been rounded to nearest \$1,000.

Budget Category (a): Direct Project Administration Costs**Description:**

Project administration costs for this project are estimated to be about 4% of the total project costs, and are based on the District's typical project experience. Administration budget amounts to \$200,000.

Task 1 Administration Budget

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Manager			178,400			178,000
Total		0	178,400		0	178,000

Task 2 Labor Compliance Program Budget

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
				Consultant	20,000	20,000
Total		0	0		20,000	20,000

Task 3 Reporting Budget

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Assistant Engineer			1,600			2,000
Total		0	1,600		0	2,000

*Grant reporting

Budget Category (a) Total **200,000**

Budget Category (b): Land Purchase/Easement (if applicable)

0

Is the cost for purchase of land or an easement to use the land?
Answer:

Is the purchase included in the funding match?
Answer:

Has the land been acquired?
Answer:

Purchase Cost (\$)

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

Budget includes pre-design, design and environmental documentation (CEQA compliance and NEPA) costs.

Task 4 Assessment and Evaluation

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 5 Final Design

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Pre-design				Consultant	30,000	30,000
Design				Consultant	50,000	50,000
Total		0	0		80,000	80,000

* Pre-design and design tasks were completed prior to 9/30/08 as part of the District's A-Line Sewer Interceptor project. The budget shown is a reasonable approximation of the costs related to this Recycled Water Project only.

Task 6 Environmental Documentation

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Engineering Assistant	100	150	15,000			15,000
Archaeological Report				Consultant	20,000	20,000
Geo-probing for drilling				Consultant	30,000	30,000
EA for NEPA compliance				Consultant	25,000	25,000
Total		150	15,000		75,000	90,000

Task 7 Permitting

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Budget Category (c) Total**170,000**

Budget Category (d): Construction/Implementation**Description:**

The requested grant funding of \$1,030,000 is for matching the District's expenses occurred under Budget Category (d) Construction/Implementation. Note that labor costs are included in equipment and material costs.

Task 8 Construction Contracting

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 9 Construction/Implementation

If possible, separate costs for labor, equipment and materials.

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Equipment	
Equipment Description	Total Cost \$
Backflow devices	300,000
Valves, appurtenances, shoring and trenching, mobilization/demobilization	600,000
Total	900,000

Materials			
Materials Used	Unit Costs (\$)	No. of Units	Total (\$)
10" HDPE	85	1700	140,000
10" PVC	170	1400	240,000
8" PVC	150	1900	290,000
6" PVC	130	1400	180,000
4" PVC	80	6100	490,000
Service Laterals	15,000	34	510,000
On-Site Connections	5,000	34	170,000
Total			2,020,000

Budget Category (d) Total**2,920,000**

Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Description:

Task 10 Environmental Compliance/Mitigation/Enhancement

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Total		0	0	0	0	0

Budget Category (e) Total**0****Budget Category (f): Construction Administration**

Description:

Construction administration is estimated at 20% of total project construction cost, including allowances, and is based on the District's experience with typical projects, and potential for additional engineering support that might be needed during installation of the backflow devices for construction with Contra Costa Water District (CCWD).

Task 11 Construction Administration

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Construction management and engineering support					340,000	340,000
						0
Total		0	0	0	340,000	340,000

Budget Category (f) Total**340,000****Row (g) Other Costs****0**

Description:

There are no other costs associated with this project.

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Total		0	0	0	0	0

Row (h) Construction/Implementation Contingency**570,000**

Assumptions:

Contingency costs for this Project are estimated to be 20% of the construction costs, and are based on the District's experience with similar projects. Overall, contingency costs amount to \$570,000.

Percentage used for contingency

20

%

0.282178218

Cost (\$)

570,000

TOTAL ESTIMATED COST OF THIS PROJECT

584000

4,200,000

This project will be funded through the following mechanisms:

Non-State Share (match):

\$

3,170,000

Requested Grant Funding:

\$

1,030,000

Other State Funds being Used:

\$

Percent Funding Match

75%

Project Title: DSRSD Central Dublin Distribution and Retrofit Recycled Water Project

1. Note that all costs have been rounded to nearest \$1,000.

Budget Category (a): Direct Project Administration Costs**Description:**

Project administration costs for this project are estimated to be \$155,000. This assumes project administration costs will be about 5% of the total project costs, and is based on the District's typical project experience.

Task 1 Administration Budget

				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Manager	175	743	130,000			130,000
Total		743	130,000		0	130,000

Task 2 Labor Compliance Program Budget

				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
				Consultant	20,000	20,000
Total		0	0		20,000	20,000

Task 3 Reporting Budget

				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Engineer	156	32	4,992			5,000
Total		32	4,992		0	5,000

Budget Category (a) Total**155,000****Budget Category (b): Land Purchase/Easement (if applicable)****0**Is the cost for purchase of land or an easement to use the land?
Answer:Is the purchase included in the funding match?
Answer:Has the land been acquired?
Answer:

Purchase Cost (\$)

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

Planning cost are estimated at 8% of project construction cost. District staff engineering and management time associated with planning activities is estimated at 4% of project construction cost. Management time associated with design activities and environmental documentation is also included. The budget estimate reflects an assumed fee for pre-construction surveys.

Task 4 Assessment and Evaluation

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Planning			195,000			195,000
Management- District Staff Engineering			98,000			98,000
Total		0	293,000		0	293,000

Task 5 Final Design

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
QA/QC				QA/QC @ \$225/hr	9,900	10,000
Design Management				Project Manager @ \$185/hr	14,800	15,000
Design Management				Project Engineer @\$ 150/hr	16,500	17,000
Design Management				Engineer @ \$120/hr	15,600	16,000
Design Management				Staff Engineer @\$100/hr	15,000	15,000
CADD				CADD Drafter @ \$115/hr	46,000	46,000
Surveying				Survey Crew @ \$285/hr	22,800	23,000
L.S.				\$130/hr	19,500	20,000
Tech				\$95/hr	7,600	8,000
WP				\$75/hr	2,175	2,000
Other Design Costs				LS	10,000	10,000
Aerial/photo				LS	11,500	12,000
Geotechnical				LS	26,500	27,000
Potholing				LS	12,000	12,000
Total		0	0		229,875	233,000

*Based on Winzler & Kelly Fee Estimate (W&K)

Task 6 Environmental Documentation

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Manager	100	242	24,200			24,000
Word Processing/Graphics	65	98	6,370			6,000
Regulatory Specialist				Specialist @ \$107/hr	21,767	22,000
Cultural Resouce Specialist				Specialist @ \$127/hr	11,132	11,000
Air/Noise/CEQA Specialists				Specialist @ \$149/hr	13,811	14,000
				Estimated Direct Expenses (mileage, postage, and EA document production)	3,200	3,000
				Contractor	5,000	5,000
Total		340	30,570		54,909	85,000

*District Staff time; Consultants Valerie Young for CEQA Consultation and Vinnedge Consultants for preparation of NEPA documents.

Task 7 Permitting

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Encroachment Permits					100,000	100,000
Total		0	0		100,000	100,000

Budget Category (c) Total**711,000**

Budget Category (d): Construction/Implementation**Description:**

The requested grant funding of \$1,130,000 is for matching the District's expenses occurred under Budget Category (d) Construction/Implementation.

Task 8 Construction Contracting

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Management				Project Manager @ \$185/hr	2,590	3,000
Management				Project Engineer @ \$150/hr	4,500	5,000
Management				Staff Engineer @ \$100/hr	2,000	2,000
CADD				Drafter @ \$115/hr	920	1,000
Other Costs				Consultant	1,432	1,000
Total		0	0		11,442	12,000

*Winzler & Kelly Estimate

Task 9 Construction/Implementation

If possible, separate costs for labor, equipment and materials.

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Directional Drill (labor plus equipment)	LS		150,000			150,000
Culvert Crossing	LS		50,000			
On-site improvements (Retrofit)	LS		200,000			200,000
Mobilization & Demobilization @4%	LS		80,000			80,000
Traffic Control	LS		65,000			65,000
Total		0	545,000		0	495,000

Equipment	
Equipment Description	Total Cost \$
Total	0

Materials			
Materials Used	Unit Costs (\$)	No. of Units	Total (\$)
6" PVC	75	10,715	804,000
12"	132	4,700	620,000
Connection to existing	3,000	12	36,000
Connection to Existing:Wells M.S	3,000	1	3,000
Connection to Existing:Cronin Park	2,000	1	2,000
Connection to Existing:Valley H.S.	3,000	1	3,000
Connection to Existing:Frederiksen E.S.	5,000	1	5,000
Connection to Existing:Dublin H.S.	20,000	1	20,000
Connection to Existing:Swim Center	3,000	1	3,000
Connection to Existing:Kolb Park	4,000	1	4,000
Connection to Existing:Murray E. S.	3,000	1	3,000
New Connection at:DERWA Main (W. of Ironhorse Trail)	15,000	1	15,000
Connection to Existing: Amador Lake Apt	3,000	8	24,000
Connection to Existing: Stagecoach Park	4,000	1	4,000
Connection to Existing: DERWA (E. of Ironhorse Trail)	5,000	1	5,000
Cross Connection Testing	5,000	18	90,000
Total			1,641,000

Budget Category (d) Total**2,148,000**

Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Description:

Task 10 Environmental Compliance/Mitigation/Enhancement

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Total		0	0	0	0	0

Budget Category (e) Total**0****Budget Category (f): Construction Administration**

Description:

Construction administration costs include costs associated with a construction manager to monitor construction of the project in accordance with the contractual plans and specifications, interaction between the contractor and the owner, review and approval for contractor payments, and construction inspection. District experience is that construction management fees are generally about the same as the project engineering design fee.

Task 11 Construction Administration

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Construction Management				Construction Manager	400,000	400,000
Construction Management				Engineer @ \$150/hr	16,200	16,000
Construction Management				Staff Engineer @ \$100/hr	2,400	2,000
Construction Management				WK Other Costs	792	1,000
Construction Management				Project Manager @ \$185/hr	9,250	9,000
Construction Management				Project Engineer @ \$150/hr	6,000	6,000
Construction Management				Engineer @ \$120/hr	12,000	12,000
CADD Drafter				Drafter	1,380	1,000
Tech				Tech	4,275	4,000
WP				WP	3,300	3,000
WK Other Costs				WK Other Costs	2,016	2,000
Total		0	0	0	457,613	456,000

Budget Category (f) Total**456,000****Row (g) Other Costs****30,000**

Description:

There is a \$30,000 contingency assumed for management activities.

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Project management					30,000	30,000
Total		0	0	0	30,000	30,000

Row (h) Construction/Implementation Contingency**600,000**

Assumptions:

Contingency costs for this project are estimated to be \$600,000. This assumes contingency costs will be about 30% of the construction costs, and is based on prior experience with recycled water projects.

Percentage used for contingency

30

%

Cost (\$)

600,000

TOTAL ESTIMATED COST OF THIS PROJECT

\$

4,100,000

This project will be funded through the following mechanisms:

Non-State Share (match):

\$

2,970,000

Requested Grant Funding:

\$

1,130,000

Other State Funds being Used:

\$

Percent Funding Match

72%

Project Title: EBMUD East Bayshore Phase 1A I-80 Pipeline

1. Note that all costs have been rounded to nearest \$1,000.

Budget Category (a): Direct Project Administration Costs**Description:**

Project administration costs for this project are estimated to be \$100,000. This assumes project administration costs will be about 5% of the total project costs, and is based on the District's typical project experience.

Task 1 Administration Budget

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Manager			100,000			100,000
Total		0	100,000		0	100,000

Task 2 Labor Compliance Program Budget

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 3 Reporting Budget

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Budget Category (a) Total**100,000****Budget Category (b): Land Purchase/Easement (if applicable)****100,000**

Is the cost for purchase of land or an easement to use the land?

Answer: The cost is for a potential Caltrans easement.

Is the purchase included in the funding match?

Answer:

Has the land been acquired?

Answer:

Purchase Cost (\$)

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

It is assumed that combined, project planning, environmental documentation and permitting costs will be about 10% of the project construction costs, and is based on the District's typical project experience. Design costs are assumed to be 15% of project construction costs.

Task 4 Assessment and Evaluation

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Planning					35,000	35,000
Total		0	0		35,000	35,000

Task 5 Final Design

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Design			180,000			180,000
Project Management			70,000			70,000
Total		0	250,000		0	250,000

Task 6 Environmental Documentation

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
CEQA			35,000			35,000
Total		0	35,000		0	35,000

Task 7 Permitting

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Various			50,000			50,000
Total		0	50,000		0	50,000

Budget Category (c) Total**370,000**

Budget Category (d): Construction/Implementation**Description:**

The requested grant funding of \$741,000 is for matching the District's expenses occurred under Budget Category (d) Construction/Implementation.

Task 8 Construction Contracting

Discipline	Rate (\$/hr)	Hours	Total (\$)	Expenses/Consultant		Total Cost \$
				Expense Item	Cost (\$)	
Total		0	0		0	0

Task 9 Construction/Implementation

If possible, separate costs for labor, equipment and materials.

Discipline	Rate (\$/hr)	Hours	Total (\$)	Expenses/Consultant		Total Cost \$ (rounded)
				Expense Item	Cost (\$)	
Total		0	0		0	0

Equipment	
Equipment Description	Total Cost \$
Total	0

Materials			
Materials Used	Unit Costs (\$)	No. of Units	Total (\$)
12" pipe	520	2300	1,196,000
Total			1,196,000

Budget Category (d) Total	1,196,000
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Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Description:

Task 10 Environmental Compliance/Mitigation/Enhancement

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Total		0	0	0	0	0

Budget Category (e) Total**0****Budget Category (f): Construction Administration**

Description:

Construction administration is assumed to be 15% of project construction costs.

Task 11 Construction Administration

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Construction Management					180,000	180,000
Total		0	0	0	180,000	180,000

Budget Category (f) Total**180,000****Row (g) Other Costs****0**

Description:

There are no other costs associated with this project.

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Total		0	0	0	0	0

Row (h) Construction/Implementation Contingency**240,000**

Assumptions:

Contingency costs for this project are estimated to be \$240,000. This assumes contingency costs will be about 20% of the construction costs, and is associated with Caltrans permit and possible night work premium.

Percentage used for contingency

20

%

Cost (\$)

240,000

TOTAL ESTIMATED COST OF THIS PROJECT**2,186,000**

This project will be funded through the following mechanisms:

Non-State Share (match):	\$	1,445,000
Requested Grant Funding:	\$	741,000
Other State Funds being Used:	\$	0
Percent Funding Match		66%

<p align="center">Project Budget</p> <p align="center">Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)</p>	
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Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: MMWD Peacock Gap Recycled Water Extension

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$17,000			\$17,000	100%
(b)	Land Purchase/Easement	\$0			\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$1,168,000			\$1,168,000	100%
(d)	Construction/Implementation	\$8,451,000	\$500,000		\$8,951,000	94%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0			\$0	0%
(f)	Construction Administration	\$0			\$0	0%
(g)	Other Costs	\$0			\$0	0%
(h)	Construction/Implementation Contingency	\$0			\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$9,636,000	\$500,000	\$0	\$10,136,000	95%

*List sources of funding: Marin Municipal Water District Capital Funding

Project Title: MMWD Peacock Gap Recycled Water Extension

1. Note that all costs have been rounded to nearest \$1,000.

Budget Category (a): Direct Project Administration Costs

Description:

Task 1 Administration Budget

Labor Cost				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Grant Program Coordinator	65	100	6,500			7,000
			0			
			0			
			0			
			0			
Total		100	6,500		0	7,000

Task 2 Labor Compliance Program Budget

Labor Cost				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
LCP Development					10,000	10,000
Total		0	0		10,000	10,000

Task 3 Reporting Budget

Labor Cost				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Budget Category (a) Total**17,000****Budget Category (b): Land Purchase/Easement (if applicable)****0**

Is the cost for purchase of land or an easement to use the land?

Answer:

Is the purchase included in the funding match?

Answer:

Has the land been acquired?

Answer:

Purchase Cost (\$)

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

Figures are based upon unit costs as opposed to hourly rates, according to MMWD's standard design cost estimating procedures.

Task 4 Assessment and Evaluation

Labor Cost				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 5 Final Design

Labor Cost				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Unit Rate (\$/unit) ¹	No. of Units	Total (\$)	Expense Item	Cost (\$)	
Design - 6" and 8" pipe sections	20	14,800	296,000			296,000
Design - 12" pipe sections	25	29,650	741,250			741,000
Total		44,450	1,037,250		0	1,037,000

Task 6 Environmental Documentation

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Unit Rate (\$/unit) ¹	No. of Units	Total (\$)	Expense Item	Cost (\$)	
Environmental Review				400 units at \$50/unit	20,000	20,000
Cultural Resources Investigation				Lump Sum	100,000	100,000
Biological Resources Investigation				Lump Sum	11,000	11,000
Total		0	0		131,000	131,000

1. Note that these figures are based upon a unit cost, not an hourly rate - this is per MMWD's standard method of estimating design costs.

Task 7 Permitting

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Budget Category (c) Total**1,168,000**

Budget Category (d): Construction/Implementation**Description:**

The requested grant funding of \$500,000 is for matching the District's expenses occurred under Budget Category (d) Construction/Implementation. Note that the budget item includes costs for materials, equipment and labor. Cost data is based on unit costs (per foot of pipe installed) developed on the basis of past similar work.

Task 8 Construction Contracting

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 9 Construction/Implementation

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Equipment	
Equipment Description	Total Cost \$
Total	0

Materials			
Materials Used	Unit Costs (\$)	No. of Units	Total (\$)
12" pipe	215	29650	6,375,000
8" pipe	165	10400	1,716,000
6" pipe	150	4400	660,000
tank retrofit	200,000	1	200,000
Total			8,951,000

Budget Category (d) Total	8,951,000
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Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Description:

Task 10 Environmental Compliance/Mitigation/Enhancement

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Total		0	0	0	0	0

Budget Category (e) Total**0****Budget Category (f): Construction Administration**

Description:

Task 11 Construction Administration

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Total		0	0	0	0	0

Budget Category (f) Total**0****Row (g) Other Costs****0**

Description:

There are no other costs associated with this project.

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Total		0	0	0	0	0

Row (h) Construction/Implementation Contingency**0**

Assumptions:

Percentage used for contingency

%

Cost (\$)

TOTAL ESTIMATED COST OF THIS PROJECT**10,136,000**

This project will be funded through the following mechanisms:

Non-State Share (match):

\$

9,636,000

Requested Grant Funding:

\$

500,000

Other State Funds being Used:

\$

95%

Percent Funding Match

<p align="center">Project Budget</p> <p align="center">Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)</p>	
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Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: NMWD Novato North Service Area Project

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$315,000		\$0	\$315,000	100%
(b)	Land Purchase/Easement	\$0		\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$1,123,000		\$0	\$1,123,000	100%
(d)	Construction/Implementation	\$7,446,000	\$500,000	\$0	\$7,946,000	94%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$222,000		\$0	\$222,000	100%
(f)	Construction Administration	\$917,000		\$0	\$917,000	100%
(g)	Other Costs	\$0		\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$869,000		\$0	\$869,000	100%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$10,892,000	\$500,000	\$0	\$11,392,000	96%

*List sources of funding: Non-state share of funding will consist of Federal ARRA grant of approximately \$2,600,000; additional funds will be either a State Revolving Fund loan or a bond issued by the applicant.

Project Title: NMWD Novato North Service Area Project

1. Note that all costs have been rounded to nearest \$1,000.

Budget Category (a): Direct Project Administration Costs**Description:**

Flat rate is based on prior District's project experience.

Task 1 Administration Budget

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Administration			315,000			315,000
Total		0	315,000		0	315,000

Task 2 Labor Compliance Program Budget

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	

Task 3 Reporting Budget

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Budget Category (a) Total**315,000****Budget Category (b): Land Purchase/Easement (if applicable)****0**

Is the cost for purchase of land or an easement to use the land?

Answer:

Is the purchase included in the funding match?

Answer:

Has the land been acquired?

Answer:

Purchase Cost (\$)

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

Engineering Services During Construction total is estimated at 6% of estimated construction costs for the Regional Water Treatment Facility (RWTF). All other costs based on contract amounts.

For the recycled water distribution pipeline and storage component, the total design/planning/engineering cost is 8% of the total project cost. The breakdown of total design/planning/engineering cost by subtask is as follows:

(1) Admin: 5%; (2) Planning: 10%; (3) Midpoint design: 25% ; (4) 95% design: 40%; (5) Final design: 5%;(6) Permitting: 5%, (7) Bid: 5%; and (8) Engineering: 5%.

Task 4 Assessment and Evaluation

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 5 Final Design

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
10% Design						
Recycled Water Treatment Facility				612 hrs @ \$179/hr	109,548	110,000
Recycled Water Distribution Pipelines and				302 hrs @ \$135/hr	40,770	41,000
50% Design						
Recycled Water Treatment Facility				1116 hrs @ \$176/hr	196,416	196,000
Recycled Water Distribution Pipelines and				756 hrs @ \$135/hr	102,060	102,000
95% Design Report						
Recycled Water Treatment Facility				1133 hrs @ \$176/hr	199,408	199,000
Recycled Water Distribution Pipelines and				1209 hrs @ \$135/hr	163,215	163,000
100% Design						
Recycled Water Treatment Facility				574 hrs @ \$173/hr	99,302	99,000
Recycled Water Distribution Pipelines and				151 hrs @ \$135/hr	20,385	20,000
Review of RW Customers and Demands				71 hrs @ \$184/hr	13,064	13,000
Design Management						
RW Design Project Management				340 hrs @ \$186/hr	63,240	63,000
Design RW Pipeline and Storage Improvements -Project Management				151 hrs @ \$135/hr	20,385	20,000
Respond to RWTP Constructability Comments				189 hrs @ \$185/hr	34,965	35,000
Total		0	0	0	1,062,758	1,061,000

Task 6 Environmental Documentation

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 7 Permitting

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
RWTP Permits				223 hrs @ \$189/hr	42,020	42,000
Pipeline Permits				151 hrs @ \$135/hr	20,400	20,000
Total		0	0		62,420	62,000

Budget Category (c) Total**1,123,000**

Budget Category (d): Construction/Implementation**Description:**

The requested grant funding of \$500,000 is for matching the District's expenses occurred under Budget Category (d) Construction/Implementation.

Task 8 Construction Contracting

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Bid Services				276 hrs @ \$167/hr	46,092	46,000
RWTP				151 hrs @ \$135/hr	20,385	20,000
Distribution Pipeline & Storage						
Total		0	0		66,477	66,000

Task 9 Construction/Implementation

If possible, separate costs for labor, equipment and materials.

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Construction				Construction Crew	971,615	972,000
Engineering Services during Construction				2542 hrs @ \$175/hr	444,850	445,000
RWTP				151 hrs @ \$135/hr	20,385	20,000
Distribution Pipeline & Storage						
Total		0	0		1,436,850	1,437,000

Equipment	
Equipment Description	Total Cost \$
RW Treatment Facility - Pumps	413,000
RW Treatment Facility - Filters	483,000
Distribution Pipelines and Storage - Misc.	239,000
Total	1,135,000

Materials			
Materials Used	Unit Costs (\$)	No. of Units	Total (\$)
Distribution Pipelines and Storage			
Pipe and Fittings	20	26,650	533,000
Bulk Material and Paving	65	26,650	1,732,000
RW Treatment Facility			3,043,000
Total			5,308,000

Budget Category (d) Total**7,946,000**

Budget Category (e): Environmental Compliance/Mitigation/Enhancement**Description:**

Environmental compliance cost assumed at 3% of construction costs.

Task 10 Environmental Compliance/Mitigation/Enhancement

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Compliance Program					222,437	222,000
Total		0	0	0	222,437	222,000

Budget Category (e) Total**222,000****Budget Category (f): Construction Administration****Description:**

Flat rate is assumed for construction management of RWTP improvements and is based on prior experience. 12% is used for construction management of distribution pipeline and storage component.

Task 11 Construction Administration

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Construction Management & Observation						
RWTP	3,925	127	499,967			500,000
Pipelines and Storage			417,067			417,000
						0
						0
Total		127	917,033	0	0	917,000

Budget Category (f) Total**917,000****Row (g) Other Costs****0****Description:**

There are no other costs associated with this Project.

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Total		0	0	0	0	0

Row (h) Construction/Implementation Contingency**869,000****Assumptions:**

A contingency of 15% is used for RWTF based on the level of design (~50%) for which the estimated construction costs have been developed.

A contingency cost of 8% of construction cost and 6% of total project cost is used for distribution pipeline and storage. Per NMWD experience, construction contingency typically varied between 5% and 10% of total project costs.

Percentage used for contingency

8%; 15%

%

Cost (\$)

869,000

TOTAL ESTIMATED COST OF THIS PROJECT**11,392,000**

This project will be funded through the following mechanisms:

Non-State Share (match):	\$	10,892,000
Requested Grant Funding:	\$	500,000
Other State Funds being Used:	\$	
Percent Funding Match		96%

<p align="center">Project Budget</p> <p align="center">Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)</p>	
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Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: LGVSD Novato South Service Area Project

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$202,000	\$0		\$202,000	100%
(b)	Land Purchase/Easement	\$0	\$0		\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$1,031,000	\$56,000		\$1,087,000	95%
(d)	Construction/Implementation	\$7,409,000	\$326,000		\$7,735,000	96%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$100,000	\$0		\$100,000	100%
(f)	Construction Administration	\$948,000	\$20,000		\$968,000	98%
(g)	Other Costs	\$0	\$0		\$0	0%
(h)	Construction/Implementation Contingency	\$1,441,000	\$98,000		\$1,539,000	94%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$11,131,000	\$500,000		\$11,631,000	96%

*List sources of funding: Non-state share of funding will consist of Federal ARRA grant of approximately \$850,000 for treatment and \$1.5 million for pipelines; additional funds will be either a State Revolving Fund loan or a bond issued by the applicant.

Project Title: LGVSD Novato South Service Area Project

1. Note that all costs have been rounded to nearest \$1,000.

Budget Category (a): Direct Project Administration Costs

Description:

Task 1 Administration Budget

	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Treatment - Administrative Assistant	90	120	10,800			11,000
Treatment - Engineer	94	120	11,200			11,000
Pipeline - Admin					180,000	180,000
Total		240	22,000		180,000	202,000

Task 2 Labor Compliance Program Budget

	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 3 Reporting Budget

	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Budget Category (a) Total

202,000

Budget Category (b): Land Purchase/Easement (if applicable)

0

Is the cost for purchase of land or an easement to use the land?
Answer:

Is the purchase included in the funding match?
Answer:

Has the land been acquired?
Answer:

Purchase Cost (\$)

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

The requested grant funding of \$56,000 is for matching the District's expenses occurred under Budget Category (c) Planning/Design/Engineering/Environmental Documentation.

Task 4 Assessment and Evaluation

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 5 Final Design

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Treatment - Pre-design					104,800	105,000
Treatment - Conceptual Design (10%?)					88,600	89,000
Treatment - Design (50%?)					157,200	157,000
Treatment - Preliminary Design (95%?)					131,000	131,000
Treatment - 100% Design					52,400	52,000
Pipeline - Project Management	135	178	24,030			24,000
Pipeline - Basis of Design Report	135	355	47,925			48,000
Pipeline - Midpoint Design	135	889	120,015			120,000
Pipeline - 95% Design	135	1,422	191,970			192,000
Pipeline - Final Design	135	151	20,385			20,000
Pipeline - Bid Services	135	178	24,030			24,000
Total		3,173	428,355		534,000	962,000

Task 6 Environmental Documentation

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Cultural & Environmental Studies					20,000	20,000
Total		0	0		0	20,000

Task 7 Permitting

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Treatment - Permits and Bonds					80,600	81,000
Pipeline - RW Permitting	135	178	24,030			24,000
Total		178	24,030		80,600	105,000

Budget Category (c) Total 1,087,000

Budget Category (d): Construction/Implementation**Description:**

The requested grant funding of \$326,000 is for matching the District's expenses occurred under Budget Category (d) Construction/Implementation.

Task 8 Construction Contracting

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 9 Construction/Implementation

If possible, separate costs for labor, equipment and materials.

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Treatment - Prime Contractor					654,000	654,000
Pipeline - Construction Crew	88	13,036	1,140,650			1,141,000
Total		13,036	1,140,650		654,000	1,795,000

Equipment	
Equipment Description	Total Cost \$
Treatment - Prefab Plant	3,000,000
Pipeline - Misc	280,222
Total	3,280,222

Materials			
Materials Used	Unit Costs (\$)	No. of Units	Total (\$)
Pipeline - Pipe and Fittings	20	31287	625,740
Pipeline - Bulk Material and Paving	65	31287	2,033,655
Total			2,659,395

Budget Category (d) Total**7,735,000**

Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Description:

Task 10 Environmental Compliance/Mitigation/Enhancement

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Pipeline - Environmental Work					100,000	100,000
Total		0	0	0	100,000	100,000

Budget Category (e) Total**100,000****Budget Category (f): Construction Administration**

Description:

The requested grant funding of \$20,000 is for matching the District's expenses occurred under Budget Category (f) Construction Administration.

Task 11 Construction Administration

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Treatment - Construction Management					224,000	224,000
Pipeline - Engineering Services During Construction	135	178	24,030			24,000
Pipeline - Construction Admin					720,000	720,000
Total		178	24,030	0	944,000	968,000

Budget Category (f) Total**968,000****Row (g) Other Costs****0**

Description:

There are no other costs associated with this Project.

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Total		0	0	0	0	0

Row (h) Construction/Implementation Contingency**1,539,000****Assumptions:**

The contingency allowance is identical to that used in the engineering evaluation that is the basis for the construction cost estimate in row (h). The construction cost estimate was generated on a line item basis for all major and ordinary cost items, but did not include difficult to quantify or minor appurtenances, unidentified or unexpected factors, existing conditions or utility conflicts. These items are accounted for in the contingency allowance. The requested grant funding of \$98,000 is for matching the District's expenses occurred under Budget Category (h) Construction Contingency.

Percentage used for contingency

30, 7

%

Cost (\$)

1,539,000

TOTAL ESTIMATED COST OF THIS PROJECT**11,631,000**

This project will be funded through the following mechanisms:

Non-State Share (match):

\$

11,131,000

Requested Grant Funding:

\$

500,000

Other State Funds being Used:

\$

Percent Funding Match

96%

Project Budget	
Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)	

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: NSD Napa State Hospital Pipeline Construction Stage 1 Project

Budget Category		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$77,000	\$0	\$0	\$77,000	100%
(b)	Land Purchase/Easement	\$12,000	\$0	\$0	\$12,000	100%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$1,000	\$0	\$0	\$1,000	100%
(d)	Construction/Implementation	\$1,560,000	\$500,000	\$0	\$2,060,000	76%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$25,000	\$0	\$0	\$25,000	100%
(f)	Construction Administration	\$475,000	\$0	\$0	\$475,000	100%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$407,000	\$0	\$0	\$407,000	100%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$2,557,000	\$500,000	\$0	\$3,057,000	84%

*List sources of funding: 25% (estimated at \$764,201, but not to exceed \$1,125,000) from Federal Bureau of Reclamation/ARRA Funding.
All remaining costs paid by Napa Sanitation District.

Project Title: NSD Napa State Hospital Pipeline Construction Stage 1 Project

1. Note that all costs have been rounded to nearest \$1,000.

Budget Category (a): Direct Project Administration Costs

Description:

Task 1 Administration Budget

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Management- Engineer	69	800	55400			55,000
Cap. Project Manager	84	250	21100			21,000
				Copies (bid docs)	1,000	1,000
				Delivery/mail	300	0
Total		1,050	76,500		1,300	77,000

Task 2 Labor Compliance Program Budget

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 3 Reporting Budget

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Budget Category (a) Total**77,000****Budget Category (b): Land Purchase/Easement (if applicable)****12,000**

Is the cost for purchase of land or an easement to use the land?

Answer: Yes

Is the purchase included in the funding match?

Answer: No

Has the land been acquired?

Answer: Yes. Land easement was purchased in December 2010.

Purchase Cost (\$) 12,000

Budget Category (c): Planning/Design/Engineering/Environmental Documentation

Description:

Task 4 Assessment and Evaluation

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 5 Final Design

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 6 Environmental Documentation

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		#REF!	0

Task 7 Permitting

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Encroachment Permits			1,000			1,000
Total		0	1,000		0	1,000

Budget Category (c) Total 1,000

Budget Category (d): Construction/Implementation**Description:**

The requested grant funding of \$500,000 is for matching the District's expenses occurred under Budget Category (d) Construction/Implementation.

Task 8 Construction Contracting

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 9 Construction/Implementation

If possible, separate costs for labor, equipment and materials.

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Design Services during Construction				Contract	21,000	21,000
Total		0	0		21,000	21,000

Equipment	
Equipment Description	Total Cost \$
Total	0

Materials			
Materials Used	Unit Costs (\$)	No. of Units	Total (\$)
Mobilization	87,000	1	87,000
Shoring	25,000	1	25,000
Traffic Control	2,500	1	3,000
Connect to Ex. 18" Pipe	23,500	1	24,000
Project End Assembly	9,000	1	9,000
24" PVC Pipe	203	5,783	1,174,000
24" DIP or FPVC	430	42	18,000
24" Bore & Jack	720	260	187,000
24" Butterfly Valve	11,200	3	34,000
3" Combo Air Valve	15,600	3	47,000
Blowoff	16,400	2	33,000
Meter	33,500	4	134,000
Cathodic Protection	50,000	1	50,000
Over Excavation	52	50	3,000
Rock Excavation	1	10	0
Conduit	10	5,000	50,000
6" PVC Pipe	47	560	26,000
SWPPP	20,000	1	20,000
Raptor Nest Delay	1	60	0
Pavement Repair	25	4,600	115,000
Bid Adjustment	1	1	0
Total			2,039,000

Budget Category (d) Total

2,060,000

Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Description:

Task 10 Environmental Compliance/Mitigation/Enhancement

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Arborist					12,000	12,000
Biologist					13,000	13,000
Total		0	0	0	25,000	25,000

Budget Category (e) Total**25,000****Budget Category (f): Construction Administration**

Description:

Task 11 Construction Administration

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Construction Engineer				Contract	475,000	475,000
Total		0	0	0	475,000	475,000

Budget Category (f) Total**475,000****Row (g) Other Costs****0**

Description:

There are no other costs associated with this Project.

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Total		0	0	0	0	0

Row (h) Construction/Implementation Contingency**407,000****Assumptions:**

Contingency costs for this project is estimated at 20% of construction bid. As bid was significantly lower than engineer estimate for this project, there is concern about possible change orders. Until bid is thoroughly reviewed and analyzed, this number will remain higher than normally expected.

Percentage used for contingency

20

%

Cost (\$)

407,000

TOTAL ESTIMATED COST OF THIS PROJECT**3,057,000**

This project will be funded through the following mechanisms:

Non-State Share (match):	\$	2,557,000
Requested Grant Funding:	\$	500,000
Other State Funds being Used:	\$	
Percent Funding Match		84%

<p align="center">Project Budget</p> <p align="center">Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)</p>	
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Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: Sonoma Valley Recycled Water Phase 1 Project

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$152,000			\$152,000	100%
(b)	Land Purchase/Easement	\$1,200,000			\$1,200,000	100%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$34,000			\$34,000	100%
(d)	Construction/Implementation	\$2,908,000	\$500,000		\$3,408,000	85%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$23,000			\$23,000	100%
(f)	Construction Administration	\$183,000			\$183,000	100%
(g)	Other Costs	\$0			\$0	0%
(h)	Construction/Implementation Contingency	\$0			\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$4,500,000	\$500,000	\$0	\$5,000,000	90%

*List sources of funding: Sonoma Valley County Sanitation District, U.S. Bureau of Reclamation (ARRA Funding)

Project Title: Sonoma Valley Recycled Water Stage 1 Project

1. Note that all costs have been rounded to nearest \$1,000.

Budget Category (a): Direct Project Administration Costs

Description:

Task 1 Administration Budget

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Manager	185	475	87,875			88,000
Legal	200	150	30,000			30,000
Accounting	175	100	17,500			18,000
Administrative Assistant	155	100	15,500			16,000
Total		825	150,875		0	152,000

Task 2 Labor Compliance Program Budget

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 3 Reporting Budget

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Budget Category (a) Total

152,000

Budget Category (b): Land Purchase/Easement (if applicable)

1,200,000

Is the cost for purchase of land or an easement to use the land?

Answer: Yes

Is the purchase included in the funding match?

Answer: No

Has the land been acquired?

Answer: Yes

Purchase Cost (\$) 1,200,000

Budget Category (c): Planning/Design/Engineering/Environmental Documentation

Description:

Task 4 Assessment and Evaluation

	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 5 Final Design

	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Conceptual Design						0
Principal Engineer	185	8	1,480			1,000
Civil/Electrical Engineer	132	16	2,112			2,000
Drafting	106	12	1,272			1,000
Technical Writing	114	12	1,368			1,000
30% Design						0
Principal Engineer	185	8	1,480			1,000
Civil/Electrical Engineer	132	20	2,640			3,000
Drafting	106	8	848			1,000
Technical Writing	114	8	912			1,000
60% Design						0
Principal Engineer	185	4	740			1,000
Civil/Electrical Engineer	132	12	1,584			2,000
Drafting	106	12	1,272			1,000
Technical Writing	114	12	1,368			1,000
90% Design						0
Principal Engineer	185	4	740			1,000
Civil/Electrical Engineer	132	12	1,584			2,000
Drafting	106	12	1,272			1,000
Technical Writing	114	12	1,368			1,000
100% Design						0
Principal Engineer	185	8	1,480			1,000
Civil/Electrical Engineer	132	12	1,584			2,000
Drafting	106	12	1,272			1,000
Technical Writing	114	10	1,140			1,000
Total		214	27,516		0	26,000

Task 6 Environmental Documentation

	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Senior Environmental Specialist	\$146	8	1,168			1,000
Environmental Specialist	\$105	12	1,260			1,000
Total		20	2,428		0	2,000

Task 7 Permitting

	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
ROW- Land Surveyor	\$134	10	1,340			1,000
ROW- County Counsel	\$175	18	3,150			3,000
ROW Agent	\$118	14	1,606			2,000
Total		42	6,096		0	6,000

Budget Category (c) Total**34,000**

Budget Category (d): Construction/Implementation**Description:**

The requested grant funding of \$500,000 is for matching the District's expenses occurred under Budget Category (d) Construction/Implementation.

Task 8 Construction Contracting

Labor Cost				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 9 Construction/Implementation

If possible, separate costs for labor, equipment and materials.

Labor Cost				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Equipment	
Equipment Description	Total Cost \$
Total	0

Materials			
Materials Used	Unit Costs (\$)	No. of Units	Total (\$)
Pipes(Avg 10.5" dia)	11	16,000	1,898,000
Reservoir	23,229	65	1,510,000
Total			3,408,000

Budget Category (d) Total	3,408,000
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Budget Category (e): Environmental Compliance/Mitigation/Enhancement**Description:**

Mitigation costs are from a draft agreement used by the Ohlone Mitigation Bank.

Task 10 Environmental Compliance/Mitigation/Enhancement

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Mitigation				\$22,750 per acre	22,750	23,000
Total		0	0	0	22,750	23,000

Budget Category (e) Total**23,000****Budget Category (f): Construction Administration****Description:****Task 11 Construction Administration**

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Project Manager	350	185	64,750			65,000
Inspections	600	165	99,000			99,000
Accounting	60	175	10,500			11,000
Administrative Assistant	60	130	7,800			8,000
Total		655	182,050		0	183,000

Budget Category (f) Total**183,000****Row (g) Other Costs****0****Description:**

There are no other costs associated with this Project.

Discipline	Labor Cost			Expenses/Consultant		Total Cost \$ (rounded)
	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
						0
Total		0	0	0	0	0

Row (h) Construction/Implementation Contingency**0****Assumptions:**

No contingency cost is assumed for construction/implementation efforts.

Percentage used for contingency

0

%

Cost (\$)

0

TOTAL ESTIMATED COST OF THIS PROJECT**5,000,000**

This project will be funded through the following mechanisms:

Non-State Share (match):

\$

4,500,000

Requested Grant Funding:

\$

500,000

Other State Funds being Used:

\$

Percent Funding Match

90%

Project Budget						
Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)						
Project Title: SFPUC Harding Park Recycled Water Project						
Budget Category		(a)	(b)	(c)	(d)	(e)
		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$106,000			\$106,000	100%
(b)	Land Purchase/Easement	\$0			\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$691,000			\$691,000	100%
(d)	Construction/Implementation	\$4,000,000	\$2,114,000		\$6,114,000	65%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0			\$0	0%
(f)	Construction Administration	\$1,525,000			\$1,525,000	100%
(g)	Other Costs	\$0			\$0	0%
(h)	Construction/Implementation Contingency	\$0			\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$6,322,000	\$2,114,000	\$0	\$8,436,000	75%
*List sources of funding: San Francisco Public Utilities Commission Voter-Approved Capital Improvement Bond Funding.						

Project Title: SFPUC Harding Park Recycled Water Project

1. Note that all costs have been rounded to nearest \$1,000.

Budget Category (a): Direct Project Administration Costs

Description:

Task 1 Administration Budget

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Manager			5,500			6,000
Total		0	5,500		0	6,000

Task 2 Labor Compliance Program Budget

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
LCP Development			100,000			100,000
Total		0	100,000		0	100,000

Task 3 Reporting Budget

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Budget Category (a) Total**106,000****Budget Category (b): Land Purchase/Easement (if applicable)****0**

Is the cost for purchase of land or an easement to use the land?

Answer:

Is the purchase included in the funding match?

Answer:

Has the land been acquired?

Answer:

Purchase Cost (\$)

Budget Category (c): Planning/Design/Engineering/Environmental Documentation

Description:

Task 4 Assessment and Evaluation

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
			690,615			691,000
Total		0	690,615		0	691,000

Task 5 Final Design

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 6 Environmental Documentation

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 7 Permitting

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
						0
Total		0	0		0	0

Budget Category (c) Total**691,000**

Budget Category (d): Construction/Implementation**Description:**

The requested grant funding of \$2,114,000 is for matching the District's expenses occurred under Budget Category (d) Construction/Implementation.

Task 8 Construction Contracting

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
					6,114,000	6,114,000
Total		0	0		6,114,000	6,114,000

Task 9 Construction/Implementation

If possible, separate costs for labor, equipment and materials.

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Equipment	
Equipment Description	Total Cost \$
Total	0

Materials			
Materials Used	Unit Costs (\$)	No. of Units	Total (\$)
Total			0

Budget Category (d) Total	6,114,000
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Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Description:

Task 10 Environmental Compliance/Mitigation/Enhancement

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Total		0	0	0	0	0

Budget Category (e) Total**0****Budget Category (f): Construction Administration**

Description:

Task 11 Construction Administration

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
					1,524,734	1,525,000
						0
Total		0	0	0	1,524,734	1,525,000

Budget Category (f) Total**1,525,000****Row (g) Other Costs****0**

Description:

There are no other costs associated with this project.

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Total		0	0	0	0	0

Row (h) Construction/Implementation Contingency**0**

Assumptions:

Percentage used for contingency

%

Cost (\$)

TOTAL ESTIMATED COST OF THIS PROJECT**8,436,000**

This project will be funded through the following mechanisms:

Non-State Share (match):
Requested Grant Funding:
Other State Funds being Used:
Percent Funding Match

\$
\$
\$

6,322,000
2,114,000

75%

Project Budget	
Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)	

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: SBWR Industrial Expansion and Reliability

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$12,000	\$11,000		\$23,000	52%
(b)	Land Purchase/Easement	\$0	\$0		\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$337,000	\$288,000		\$625,000	54%
(d)	Construction/Implementation	\$2,172,000	\$1,778,000		\$3,950,000	55%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$6,000	\$6,000		\$12,000	50%
(f)	Construction Administration	\$109,000	\$89,000		\$198,000	55%
(g)	Other Costs	\$165,000	\$135,000		\$300,000	55%
(h)	Construction/Implementation Contingency	\$217,000	\$178,000		\$395,000	55%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$3,018,000	\$2,485,000	\$0	\$5,503,000	55%

*List sources of funding: San Jose/Santa Clara Water Pollution Control Plant Capital Budget (Cities of San Jose, Santa Clara and Milpitas; Cupertino Sanitary District; West Valley Sanitary District; County Sanitation District 2-3; Burbank and Sunol Sanitary District)

Project Title: SBWR Industrial Expansion and Reliability

1. Note that all costs have been rounded to nearest \$1,000.

Budget Category (a): Direct Project Administration Costs**Description:**

Project administration costs for this project are estimated to be \$200,000. This assumes project administration costs will be about 4.7% of the total project costs, and is based on the City of San Jose's typical project experience. The requested grant funding of \$11,000 is for matching the City of San Jose's expenses occurred under Budget Category (a) Direct Project Administration Costs.

Task 1 Administration Budget

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Grant Program Coordinator	75	100	7,500			8,000
Total		100	7,500		0	8,000

Task 2 Labor Compliance Program Budget

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Labor Compliance Program*					15,000	15,000
*Includes City of San Jose Office of Equality Assurance administration and SBWR staff time required to interview designated contractor employees to confirm wages and trade classifications.						
Total		0	0		15,000	15,000

Task 3 Reporting Budget

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Budget Category (a) Total**23,000****Budget Category (b): Land Purchase/Easement (if applicable)****0**

Is the cost for purchase of land or an easement to use the land?

Answer:

Is the purchase included in the funding match?

Answer:

Has the land been acquired?

Answer:

Purchase Cost (\$)

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

The requested grant funding of \$288,000 is for matching the City of San Jose's expenses occurred under Budget Category (c) Planning/Design/Engineering/Environmental Documentation. Note that figures are based upon a unit cost, not an hourly rate; this is per SBWR's standard method of estimating design costs. \$250,000 and \$50,000 have been allocated respectively for design and environmental documentation of SC Industrial 3B to the City of Santa Clara by agreement.

Task 4 Assessment and Evaluation

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 5 Final Design

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Design (SCI 3B)					270,000	270,000
Design (Airport Backup)					70,000	70,000
Design (ARWTF Backup)					245,000	245,000
Total		0	0		585,000	585,000

Task 6 Environmental Documentation

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Design (SCI 3B)			0		30000	30,000
Design (Airport Backup)*					5,000	5,000
Design (ARWTF Backup)*					5,000	5,000
*CEQA clearance for potable backup systems based on existing project environmental documentation due to construction on previously engineered sites.						
Total		0	0		10,000	40,000

Task 7 Permitting

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Budget Category (c) Total**625,000**

Budget Category (d): Construction/Implementation**Description:**

The requested grant funding of \$1,778,000 is for matching the City of San Jose's expenses occurred under Budget Category (d) Construction/Implementation. Note that costs include materials, equipment, and labor. Cost data is based on unit costs (per foot of pipe installed) developed on the basis of the recent SBWR's Phase 1C projects.

Task 8 Construction Contracting

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 9 Construction/Implementation

If possible, separate costs for labor, equipment and materials.

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Equipment	
Equipment Description	Total Cost \$
Total	0

Materials			
Materials Used	Unit Costs (\$)	No. of Units	Total (\$)
SC Ind. 3B	300	6000	1,800,000
ARWT Backup	1,550,000	1	1,550,000
Airport tank retrofit	600,000	1	600,000
Total			3,950,000

Budget Category (d) Total	3,950,000
----------------------------------	------------------

Budget Category (e): Environmental Compliance/Mitigation/Enhancement**Description:**

The requested grant funding of \$6,000 is for matching the City of San Jose's expenses occurred under Budget Category (e) Environmental Compliance/Mitigation/Enhancement.

Task 10 Environmental Compliance/Mitigation/Enhancement

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Environmental Inspection				Inspector @ \$75/hr	12,000	12,000
Total		0	0	0	12,000	12,000

Budget Category (e) Total**12,000****Budget Category (f): Construction Administration****Description:**

The requested grant funding of \$89,000 is for matching the City of San Jose's expenses occurred under Budget Category (f) Construction Administration. Approximately 5% of the total project construction cost has been allocated for Construction Management and Inspection. This estimate is based on recent experience from SBWR's ARRA Phase 1C expansion projects.

Task 11 Construction Administration

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Construction Management and Inspection*					197,500	198,000
*Based on current SBWR Phase 1C project costs, construction administration is estimated at 5% of total construction cost.						
Total		0	0	0	197,500	198,000

Budget Category (f) Total**198,000****Row (g) Other Costs****300,000****Description:**

The requested grant funding of \$135,000 is for matching the City of San Jose's expenses occurred under Budget Category (g) Other Costs for the Regional Messaging component of the project. Regional Messaging consists of 1) Survey of area stakeholder values and how they are discussed; 2) Evaluation of communication modalities; 3) Presentation of effective communication tools to community focus groups; and 4) Report and recommendations.

				Expenses/Consultant		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Survey of stakeholders			75,000			75,000
Evaluation of communication modes			125,000			125,000
Focus groups			50,000			50,000
Report and recommendations			50,000			50,000
Total		0	300,000	0	0	300,000

Row (h) Construction/Implementation Contingency**395,000****Assumptions:**

Contingency costs for this Project are estimated to be about 10% of the construction costs, and is based on recent experience from SBWR's ARRA Phase 1C expansion projects. The requested grant funding of \$178,000 is for matching the City of San Jose's expenses occurred under Budget Category (h) Construction/Implementation Contingency.

Percentage used for contingency

10

%

Cost (\$)

395,000

TOTAL ESTIMATED COST OF THIS PROJECT**5,503,000**

This project will be funded through the following mechanisms:

Non-State Share (match):
Requested Grant Funding:
Other State Funds being Used:
Percent Funding Match

\$
\$
\$

3,018,000
2,485,000
55%

Budget Information for Program 2: Regional Water Conservation Program

Table 8 - Summary Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

2. Regional Water Conservation Program

Individual Project Title		Non-State Share (Funding Match)	Requested Grant Funding (DWR Grant Amount)	Other State Funds Being Used	Total	% Funding Match
(a)	Regional Drought Relief and Water Conservation Project	\$6,438,872	\$8,952,685	\$0	\$15,391,557	42%
Grand Total		\$6,438,872	\$8,952,685	\$0	\$15,391,557	42%

<p align="center">Program Budget</p> <p align="center">Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)</p>	
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Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

2. Regional Water Conservation Program

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$332,000	\$0	\$332,000	0%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$0	\$0	\$0	\$0	0%
(d)	Construction/Implementation	\$6,438,872	\$8,620,685	\$0	\$15,059,557	43%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$0	\$0	\$0	\$0	0%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$6,438,872	\$8,952,685	\$0	\$15,391,557	42%

***List sources of funding: Agency funds from participating agencies.**

Project Title: 2. Regional Water Conservation Program**Budget Category (a): Direct Project Administration Costs****Description:**

Project administration costs for this project are estimated to be \$332,000. This assumes project administration costs will be about 2% of the total project costs, and is based on similar experience with ongoing conservation programs. Grant administration costs include costs for preparing quarterly and final reports for submittal to DWR

Task 1 Administration Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
				Contractor	332,000	332,000
Total		0	0		332,000	332,000

Task 2 Labor Compliance Program Budget

Not Applicable.

Task 3 Reporting Budget

Included in Task 1 Administration Budget.

Budget Category (a) Total	332,000
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Budget Category (b): Land Purchase/Easement (if applicable)	0
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Not applicable. This project does not require land purchase/easements.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

Not applicable. There are no planning/design/engineering/environmental/permitting tasks associated with this Project.

Task 4 Assessment and Evaluation

Not applicable. This project does not require preparation of assessment and evaluation studies.

Task 5 Final Design

Not applicable. This program does not require design services.

Task 6 Environmental Documentation

Applicable. The Program is not considered a project under CEQA [CEQA Guideline 15378]

Task 7 Permitting

Not applicable. This program does not require permits.

Budget Category (c) Total	0
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Budget Category (d): Construction/Implementation**Description:**

Implementation costs for this project are estimated to be \$15,059,557.

Task 8 Construction Contracting

The cost for this task is included under Task 9 Implementation.

Task 9 Construction/Implementation

For detailed breakdown of costs, please refer to budget attachment.

Project Title	Total Regional Rebates	Minimum Rebate Cost/Unit	Rebate Unit	Administration Unit Cost (Labor, Benefits, Professional Services and Overhead)	Total Program Cost (\$)
Water-Efficient Landscape Rebate	3,679,000	\$0.50	Square Foot	\$0.21	2,617,609
Bay Friendly Landscape Training Program (StopWaste.org) ¹					502,979
Weather Based Irrigation Controller Rebate (SF)	11,390	\$20.00	Active Irrigation Station	\$13.57	382,377
Weather Based Irrigation Controller Rebate (CII/ MF)	21,350	\$30.00	Active Irrigation Station	\$7.54	801,470
High Efficiency Toilet and Urinal Rebate Program	23,300	\$100.00	HET or Urinal	\$35.25	3,151,325
High Efficiency Toilet and Urinal Direct Install Program	11,961	\$300.00	HET or Urinal	\$14.10	3,756,950
High Efficiency Washer Rebate	51,223	\$50.00	Washer	\$25.10	3,846,847
Total					15,059,557

Note(s):

1. Assuming 36 Home Gardener trainings and 8 Landscape Professional Trainings with an average attendance of 40 people at each event.

Budget Category (d) Total**15,059,557****Budget Category (e): Environmental Compliance/Mitigation/Enhancement****Task 10 Environmental Compliance/Mitigation/Enhancement**

Not applicable. The program is not considered a project under CEQA [CEQA Guideline 15378].

Budget Category (e) Total**0****Budget Category (f): Construction Administration****Task 11 Construction Administration**

Not applicable. The Program does not include construction activities.

Budget Category (f) Total**0****Row (g) Other Costs****0****Description:**

There are no other costs associated with this Project.

Row (h) Construction/Implementation Contingency**0**

Percentage used for contingency

0

%

Cost (\$)

0

TOTAL ESTIMATED COST OF THIS PROJECT**15,391,557**

This project will be funded through the following mechanisms:

Non-State Share (match):

\$

6,438,872

Requested Grant Funding:

\$

8,952,685

Other State Funds being Used:

\$

0

The Bay Area Regional Water Conservation Program includes a package of individual conservation program elements designed to reduce indoor and landscape water use. The participating water agencies will each implement their own programs utilizing a set of common program terms and conditions. Each agency will offer a minimum rebate amount determined necessary to garner customer participation. Agencies may elect to offer larger rebates.

The Bay Area agencies are requesting the DWR to pay a fixed dollar amount per rebate provided. This fixed amount is based on the DWR paying a MAXIMUM of 75% of the rebate and the agencies paying a MINIMUM of 25% of the rebate amount and 100% of the labor, benefits, overhead, marketing and services and materials. The individual costs are as follows:

Program Element	Rebate Unit	Minimum Customer Rebate	Maximum DWR Cost (75% of rebate)	Minimum Agency cost (25% of rebate)	Minimum Agency cost (100% of Labor, Benefits, OH, Services and Materials)	Minimum Total Agency Cost
Water-Efficient Landscape Rebate Program	Per sq. ft of lawn converted	\$0.50	\$0.37	\$0.13	\$0.21	\$0.34
Weather Based Irrigation Controller Rebate (SF)	Per Active irrigation station	\$20.00	\$15.00	\$5.00	\$13.57	\$18.57
Weather Based Irrigation Controller Rebate (CII/ MF)	Per Active irrigation station	\$30.00	\$22.50	\$7.50	\$7.54	\$15.04
High Efficiency Toilet and Urinal Rebate Program	Per Toilet or Urinal	\$100.00	\$75.00	\$25.00	\$35.25	\$60.25
High Efficiency Toilet and Urinal Direct Install Program	Per Toilet Installed	\$300.00	\$225.00	\$75.00	\$14.10	\$89.10
High Efficiency Washer Rebate	Per Washer	\$50.00	\$37.50	\$12.50	\$25.10	\$37.60

Regional Water Conservation Program Cost and Savings Estimate
(2 years implementation)

Project #	Project Title	Total Regional Rebates	Minimum Rebate Cost/ Unit	Rebate Unit	Administration Unit Cost (L+B+Prof Serv.+OH)	Total Program Cost	DWR Cost (75% of Rebate Unit)	Agency Cost (25% of Rebate and 100% of Admin)	Annual Unit Water Savings (Gal per Year)	Annual Total Water Savings (Gal)	Annual Total Water Savings (AF)	Years of Savings	Total Life Water Savings (AF)	Total Cost per AF (\$)	DWR Cost per AF (\$)	Agency Cost per AF (\$)
1a	Water-Efficient Landscape Rebate	3,679,000	0.500	Square Foot	0.212	\$2,617,609	\$1,379,625	\$1,237,984	24.93	91,729,733	282	10	2,815	\$ 930	\$ 490	\$ 440
1b	Bay Friendly Landscape Training Program (StopWaste.org)					\$502,979	\$230,247	\$272,732	24.93	28,144,809	47	10	470	\$ 1,070	\$ 490	\$ 580
2a	Weather Based Irrigation Controller Rebate (SF)	11,390	20.000	Active Irrigation Station	13.571	\$382,377	\$170,850	\$211,527	1,268	14,442,520	44	10	443	\$ 863	\$ 385	\$ 477
2b	Weather Based Irrigation Controller Rebate (CII/ MF)	21,350	30.000	Active Irrigation Station	7.540	\$801,470	\$480,375	\$321,095	3,383	72,227,050	222	10	2,217	\$ 362	\$ 217	\$ 145
3a	High Efficiency Toilet and Urinal Rebate Program	23,300	100.000	HET or Urinal	35.250	\$3,151,325	\$1,747,500	\$1,403,825	5,681	132,363,460	406	10	4,062	\$ 776	\$ 430	\$ 346
3b	High Efficiency Toilet and Urinal Direct Install Program	11,961	300.000	HET or Urinal	14.100	\$3,756,950	\$2,691,225	\$1,065,725	7,921	94,739,283	291	10	2,907	\$ 1,292	\$ 926	\$ 367
4	High Efficiency Washer Rebate	51,223	50.000	Washer	25.100	\$3,846,847	\$1,920,863	\$1,925,985	7,978	408,664,306	1,254	10	12,541	\$ 307	\$ 153	\$ 154
	Grant Administration					\$332,000	\$332,000	\$0								
	Agency Grant Request Total	\$8,390,438				\$15,391,557	\$8,952,685	\$6,438,872		842,311,161	2,546		25,456	\$ 605	\$ 352	\$ 253
							58%	42%								

Bay Friendly Landscape Training Program (StopWaste.org)	\$230,247
Agency Grant Request Total	\$8,390,438
Grant Administration	\$332,000.00
Total Grant Requested	\$8,952,685

Budget Information for Program 3: Wetland Ecosystem Restoration Program

This program consists of the following projects –

- (a) Sears Point Wetland and Watershed Restoration
- (b) Bair Island Restoration
- (c) Pond A16/17 Habitat Restoration

Table 8 - Summary Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Bay Area Wetland Ecosystem Restoration Program

Individual Project Title		Non-State Share (Funding Match)	Requested Grant Funding (DWR Grant Amount)	Other State Funds Being Used	Total	% Funding Match
		Grand Total (Sum rows (a) through (h) for each column in Table 7)	Grand Total (Sum rows (a) through (h) for each column in Table 7)	Grand Total (Sum rows (a) through (h) for each column in Table 7)	Grand Total (Sum rows (a) through (h) for each column in Table 7)	
(a)	Sears Point Wetland and Watershed Restoration	\$9,335,801	\$1,250,000	\$7,721,180	\$18,306,981	51%
(b)	Bair Island Restoration	\$1,935,375	\$1,250,000	\$0	\$3,185,375	61%
(c)	Pond A16/17 Habitat Restoration	\$6,600,000	\$1,250,000	\$1,450,000	\$9,300,000	71%
	Grand Total (Sum rows (a) through (h) for each column)	\$17,871,175	\$3,750,000	\$9,171,180	\$30,792,356	58%

Table 7 - Project Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: Sears Point Wetland and Watershed Restoration

Budget Category		(a)	(b)	(c)	(d)	(e)
		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$38,750	\$62,000	\$54,270	\$155,020	25%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$15,000	\$130,000	\$1,058,340	\$1,203,340	1%
(d)	Construction/Implementation	\$7,329,864	\$686,686	\$5,183,850	\$13,200,400	56%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$250,000	\$0	\$250,000	\$500,000	50%
(f)	Construction Administration	\$196,845	\$186,000	\$134,720	\$517,565	38%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$1,505,342	\$185,314	\$1,040,000	\$2,730,656	55%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$9,335,801	\$1,250,000	\$7,721,180	\$18,306,981	51%

***List sources of funding:**

Secure: North American Wetlands Conservation Act (\$750,000), USFWS National Coastal Wetlands Conservation Program (\$1,000,000)

Planned: NOAA Coastal Restoration Program, EPA SF Bay Water Quality Improvement Fund, ConocoPhillips SPIRIT of Conservation Migratory Bird Program, National Fish and Wildlife Foundation (undetermined program), Congressional appropriation, Mitigation

Project Title: Sears Point Wetland and Watershed Restoration**Budget Category (a): Direct Project Administration Costs****Description:**

Project administration costs for the project corresponding to the following tasks in the Work Plan are estimated to be \$155,020. This assumes administration costs will be about 5% of the total project costs and is based on anticipated 500 hours for the State Coastal Conservancy Project Manager and 1,654 hours for the SLT Project Manager over the three year period. For the SLT Project Manager this works out to roughly 25% FTE per year.

Task 1, 2 and 3: Administration Budget, including labor compliance program and reporting budget

Labor Cost				Consultant Cost/Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
SCC Project Manager	65	500	32,500			32,500
Sonoma Land Trust Manager	65	1,654	107,510	Travel, phone, mail, copying, other expenses	15,010	122,520
Total		2,154	140,010	0	15,010	155,020

Total on which project administration is based (i.e. total project costs, total construction costs, etc.)

Budget Category (a) Total \$ **155,020**

Budget Category (b): Land Purchase/Easement \$ **0**

Not applicable. The land is owned by Sonoma Land Trust and was purchased in 2004/2005. The cost for the purchase of land is not included as funding match.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

Planning/Design/Engineering/Environmental Documentation costs for the project corresponding to the following tasks in the Work Plan are estimated to be \$1,203,340. This includes funds that have already been spent or will be spent by June 1, 2010. Specifically \$373,340 has been spent on design and \$500,000 will have been spent on CEQA/NEPA environmental documentation by June 1, 2011.

Task 4 Assessment and Evaluation

Not applicable - all assessment and evaluation has been completed for the Project.

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 5 Final Design

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline/Design Stage	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
10% Design				Already spent		273,340
30% Design				Already spent		100,000
60% Design			60,000			60,000
90% Design			40,000			40,000
100% Design			30,000			30,000
Total		0	130,000		0	503,340

Task 6 Environmental Documentation

Labor Cost				Expenses		Total Cost \$ (rounded)
Type of Documentation	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
CEQA documentation	LS			Already spent		500,000
Total		0	0		0	500,000

Task 7 Permitting**Description:**

Permitting cost for the project is estimated at \$200,000 and consists of the following permits:

- BCDC Permit
- CWA Section 401 Cert
- Consistency determination under Section 2080.1, Section 2081(b) and Streambed Alteration Agreement (1062)
- USFWS ESA Section 7
- NOAA ESA Section 7

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Manager	113	500	56,500			56,500
Permitting Consulting	140	1,025	143,500			143,500
						0
						0
						0
Total		1,525	200,000		0	200,000

Budget Category (c) Total \$ **1,203,340**

Budget Category (d): Construction/Implementation**Description:**

Work under this category includes all mobilization, construction and demobilization costs, including Performance Testing. Long term monitoring costs are included under Task 10, Environmental Compliance.

Task 8 Construction Contracting

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Manager	113	260	29,280			29,280
Total		260	29,280		0	29,280

Task 9 Construction/Implementation

Construction				
Activity	Unit	Unit Cost (\$)	Quantity	Total Cost (\$)
Phase 1: Pre-Tidal				
Mobilization	LS	1,480,000	1	1,480,000
Tidal Wetland Elements:				0
Site Preparation and Demolition	LS	300,000	1	300,000
Flood Levee Core	CY	7.50	255,500	1,916,250
Flood Levee Berm and Side Slopes	CY	3.50	290,000	1,015,000
Flood Levee Gravel Trail	CY	150	1,920	288,000
Marsh Pannes	EA	2,000	10	20,000
Excavate Swale	LF	4	4,000	16,000
Excavate Tidal Channels	CY	3	520,000	1,560,000
Construct marsh mounds	CY	1,000	500	500,000
Construct Sidecast Ridges	EA	2,500	12	30,000
Construct Ditch Blocks	EA	2,000	15	30,000
Seasonal Wetland Elements				
Install Access Gates	EA	3,000	2	6,000
Install Cattle Exclusion Fencing	LF	4	8,610	34,440
Construct Pump Station 2	LS	500,000	1	500,000
Construct Pump Station 3	LS	500,000	1	500,000
Construct Access Road (compacted fill)	CY	7	32,000	224,000
Construct Access Road (paving)	SF	5	196,416	982,080
Install Access Road Culvert	LS	10,000	1	10,000
Reclamation Road Berm Earthwork	CY	7	2,800	19,600
Excavate Alluvial Depressions	LS	15,000	2	30,000
Excavate Riparian Basins	LS	5,000	2	10,000
Phase 2: Tidal				
Levee Lowering	CY	4.50	100,500	452,250
Construct Breach 1	LS	200,000	1	200,000
Construct Breach 2	LS	110,000	1	110,000
Construct Breach 3	LS	85,000	1	85,000
Construct Breach 4	LS	80,000	1	80,000
Tolay Creek Dredging	CY	15	116,000	1,740,000
Dredge Breach 1 Channel	LS	15	55,500	832,500
Reconfigure Power Poles	LS	200,000	1	200,000
Total				13,171,120

Assumptions:

Cost estimate based on the 30% plan submittal for the Sears Point Wetland Restoration Project. Quantities were determined from the topographic data provided by Sonoma Land Trust using Autocad Land Development Desktop (LDD) software utilized in preparation of the Plans. Earthwork quantities were typically calculated based on terrain models of the existing and proposed ground surfaces and using the grid method in LDD. Unit costs were developed based on a combination of previous similar project experience and vendor quotes.

Budget Category (d) Total**\$ 13,200,400****Budget Category (e): Environmental Compliance/Mitigation/Enhancement****Description:**

Types of monitoring include marsh development, channel development, birds, biosentinel mercury monitoring, water quality, and other items specifically required by project permits.

Task 10 Environmental Compliance/Mitigation/Enhancement

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Project Engineer	140	1,200	162,000			162,000
Lead Biologist	120	1,200	144,000			144,000
Consulting Hydrology/Biology			150,000			150,000
				Monitoring Equipment	44,000	44,000
Total		2,400	456,000	0	44,000	500,000

Budget Category (e) Total**500,000**

Budget Category (f): Construction Administration**Description:**

Construction administration costs associated with the Project corresponding to Task 11 in the Work Plan, are estimated at \$517,565. This amounts to approximately 4% of total construction cost and is estimated based on project experience of Ducks Unlimited for numerous wetland construction projects in the San Francisco Bay. Includes an estimated two years of onsite construction engineer supervision.

Task 11 Construction Administration

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Project Manager	113	216	\$ 24,400			24,400
Project Engineer	140	3,486	\$ 488,000			488,000
				Materials, Supplies	5,165	5,165
Total		3,702	512,400	0	5,165	517,565

Budget Category (f) Total**517,565****Row (g) Other Costs****0****Description:**

There are no other costs associated with this Project.

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Total		0	0	0	0	0

Row (h) Construction/Implementation Contingency**2,730,656****Assumptions:**

The project contingency cost is assumed at approximately 20% of total construction costs, as is the standard used based on experience implementing projects and the level of uncertainty of contractor and material costs.

Percentage used for
contingency

%

Cost (\$)

TOTAL ESTIMATED COST OF THIS PROJECT**18,306,981**

This project will be funded through the following mechanisms:

Non-State Share (match):	<input type="text" value="51"/>	%	\$	<input type="text" value="9,335,801"/>
Requested Grant Funding:			\$	<input type="text" value="1,250,000"/>
Other State Funds being Used:			\$	<input type="text" value="7,721,180"/>

Table 7 - Project Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: Bair Island Restoration

Budget Category		(a)	(b)	(c)	(d)	(e)
		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$53,970	\$0	\$53,970	0%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$0	\$0	\$0	\$0	0%
(d)	Construction/Implementation	\$731,686	\$1,082,394	\$0	\$1,814,080	40%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$500,000	\$0	\$0	\$500,000	100%
(f)	Construction Administration	\$73,200	\$0	\$0	\$73,200	100%
(g)	Other Costs	\$130,489	\$113,636	\$0	\$244,125	53%
(h)	Construction/Implementation Contingency	\$500,000	\$0	\$0	\$500,000	100%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$1,935,375	\$1,250,000	\$0	\$3,185,375	61%

*List sources of funding: SFPUC \$950,000, Peninsula Open Space Trust approximately \$500,000 up to remainder of non-state match.

Project Title: Bair Island Restoration**Budget Category (a): Direct Project Administration Costs****Description:**

Includes 500 hours for project administration for State Coastal Conservancy project manager to perform grant and budget oversight and review of labor compliance program, as well as 150 hours for the Ducks Unlimited project manager and Ducks Unlimited engineer to perform direct project administration, project and budget reporting, and preparation of the labor compliance program.

Task 1, 2 and 3: Administration Budget, including labor compliance program and reporting budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
SCC Project Manager	65	500	32,500			32,500
DU Project Manager	113	150	16,950			16,950
DU Engineer	113	40	4,520			4,520
						0
						0
Total		690	53,970		0	53,970

Total on which project administration is based (i.e. total project costs, total construction costs, etc.)

Percentage (%)

Percentage based on

Discussion of how the percentage was determined (i.e. flat rate, based on prior experience, etc.)

Project administration time was calculated based on Ducks Unlimited and State Coastal Conservancy's best professional judgment of the amount of hours required to administer the project, prepare project reports, reporting budgets, and a labor compliance program based on our collective broad array of experience with projects of similar complexity.

Budget Category (a) Total**53,970****Budget Category (b): Land Purchase/Easement (if applicable)****0**

Not applicable. This project does not require land purchase/easements.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

Not applicable. All necessary environmental document, final design and permitting (Tasks 4 to 7) have been completed for the Project.

Task 4 Assessment and Evaluation

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
						0
Total		0	0		0	0

Task 5 Final Design**Description:**

Not applicable. All necessary environmental document, final design and permitting (Tasks 4 to 7) have been completed for the Project.

Total		0	0		0	0
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Task 6 Environmental Documentation**Description:**

Not applicable. All necessary environmental document, final design and permitting (Tasks 4 to 7) have been completed for the Project.

Task 7 Permitting**Description:**

Not applicable. All necessary environmental document, final design and permitting (Tasks 4 to 7) have been completed for the Project.

Total		0	0		0	0
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Budget Category (c) Total**0**

Budget Category (d): Construction/Implementation**Description:**

Implementation costs for this project are estimated to be \$1,814,080.

Task 8 Construction Contracting

Included in Construction Administration below.

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
						0
						0
						0
						0
						0
Total		0	0		0	0

Task 9 Construction/Implementation

Construction				
Activity	Unit	Unit Cost (\$)	Quantity	Total Cost (\$)
Mobilization	LS	350,000	1	350,000
Site Preparation	LS	50,000	1	50,000
Breach Construction	CY	20	14,620	292,400
Ditch Block Construction	CY	10	1,230	12,300
Connector Channel Construction	CY	25	2,710	67,750
Flow Constrictor cobbles, compacted fill, sheetpile - Corkscrew Slough	1	476,630	1	476,630
Flow Constrictor cobbles, compacted fill, sheetpile - Smith Slough	1	565,000	1	565,000
Total				1,814,080

Assumptions:

Mobilization and site preparation estimates are lump sums based on mobilization costs for similar projects. Breach construction, ditch block construction, and connector channel construction are based on unit prices for cubic yardage of material moved and based on type of material being moved (i.e. \$20 per cubic yard for breach construction, \$10 per cubic yard for ditch blocks, \$25 per cubic yard for connector channel construction). Flow constrictor costs are based on cubic yard prices for compacted fill and cobble, and a lump sum for sheetpile. Monitoring costs are based on a detailed cost estimate prepared by Don Edwards San Francisco Bay National Wildlife Refuge.

Budget Category (d) Total**1,814,080****Budget Category (e): Environmental Compliance/Mitigation/Enhancement****Description:**

Types of monitoring include marsh development, channel development, birds, biosentinel mercury monitoring, water quality, and other items specifically required by project permits.

Task 10 Environmental Compliance/Mitigation/Enhancement

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Project Engineer	140	1,200	162,000			162,000
Lead Biologist	120	1,200	144,000			144,000
Consulting Hydrology/Biology			150,000			150,000
				Monitoring Equipment	44,000	44,000
						0
Total		2,400	456,000	0	44,000	500,000

Budget Category (e) Total**500,000****Budget Category (f): Construction Administration****Description:**

Construction administration costs associated with this project corresponding to Task 11 in the Work Plan, are estimated to cost \$73,200. This cost was based on the assumption of 500 hours for engineering staff and 100 hours for biological staff and was developed based on prior experience with oversight for similar projects.

Task 11 Construction Administration

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Engineering Construction Management	113	548	61,900			61,900
Biological Construction Management	113	100	11,300			11,300
						0
						0
						0
Total		648	73,200	0	0	73,200

Budget Category (f) Total**73,200**

Row (g) Other Costs **244,125**

Description:

Ducks Unlimited construction indirect costs will be applied at a flat rate of 10%.

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
DU indirect costs				10%	244,125	244,125
						0
						0
						0
						0
Total		0	0	0	244,125	244,125

Row (h) Construction/Implementation Contingency **500,000**

Assumptions:

The project contingency cost is assumed at approximately 20% of total construction costs, as is the standard used based on experience implementing projects and the level of uncertainty of contractor and material costs.

Percentage used for contingency % Cost (\$)

TOTAL ESTIMATED COST OF THIS PROJECT

3,185,375

This project will be funded through the following mechanisms:

Non-State Share (match):	<input type="text" value="61"/>	%	\$	<input type="text" value="1,935,375"/>
Requested Grant Funding:			\$	<input type="text" value="1,250,000"/>
Other State Funds being Used:			\$	<input type="text" value="0"/>

Table 7 - Project Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: Pond A16/17 Restoration

Budget Category		(a)	(b)	(c)	(d)	(e)
		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$50,000	\$50,000	\$100,000	0%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$500,000	\$0	\$100,000	\$600,000	83%
(d)	Construction/Implementation	\$5,000,000	\$1,200,000	\$1,300,000	\$7,500,000	67%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$100,000	\$0	\$0	\$100,000	100%
(f)	Construction Administration	\$250,000	\$0	\$0	\$250,000	100%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$750,000	\$0	\$0	\$750,000	100%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$6,600,000	\$1,250,000	\$1,450,000	\$9,300,000	71%

*List sources of funding: US Fish and Wildlife Service, US EPA (grant application). State Coastal Conservancy to provide other state funds.

Project Title: Pond A16/17 Restoration**Budget Category (a): Direct Project Administration Costs****Description:**

Includes 500 hours in project/contract administration time for Coastal Conservancy project manager, as well as 500 hours for the Executive project manager.

Task 1, 2 and 3: Administration Budget, including labor compliance program and reporting budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
SCC Project Manager	65	500	32,500			32,500
Executive Project Manager	135	500	67,500			67,500
Total		1,000	100,000		0	100,000

Total on which project administration is based (i.e. total project costs, total construction costs, etc.)

Budget Category (a) Total**100,000****Budget Category (b): Land Purchase/Easement****\$ 0**

Not applicable. The land is owned by USFWS and was purchased in 2003. The cost for the purchase of land is not included as funding match.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

This budget line item is estimated to cost \$600,000, which includes a 10% contingency. An Engineering retainer is being use for the revised 30% design; all permitting is done; Fish and Wildlife Service is paying for final design through a design/build contract).

Task 4 Assessment and Evaluation

Not applicable - all assessment and evaluation has been completed for the Project.

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
						0
Total		0	0		0	0

Task 5 Final Design

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Engineering Firms - SCC (30% Design)	LS		100,000			100,000
USFWS; Engineering Consultants (60% - 100% Design)	LS		500,000			500,000
Total		0	600,000		0	600,000

Task 6 Environmental Documentation

Not applicable. All necessary documentation has been completed for the Project.

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
						0
Total		0	0		0	0

Task 7 Permitting

Not applicable. All necessary permits have been obtained for the Project.

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
						0
Total		0	0		0	0

Budget Category (c) Total**600,000**

Budget Category (d): Construction/Implementation**Description:**

Implementation costs for this project are estimated to be \$7,500,000 based on very early cost estimation currently being refined by consultants.

Task 8 Construction Contracting

Included in Construction Administration below.

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 9 Construction/Implementation

Construction				
Activity	Unit	Unit Cost (\$)	Quantity	Total Cost (\$)
Mobilization	LS	620,000	1	620,000
Demolition	LS	200,000	1	200,000
Levee Lowering	CY	7	29,000	190,000
Levee Breach and Pilot Channels	CY	18	5,500	100,000
A17 Tidal Channel Excavation	CY	18	700	12,000
A17 Levee	CY	20	50,000	1,000,000
A16 Berm	CY	15	19,000	290,000
Drainage Divide Berm	CY	15	17,000	250,000
Nesting Islands	CY	15	52,000	800,000
Water Control Structures	LS	333,000	6	1,998,000
Borrow Ditch Crossings	LS	230,000	3	690,000
Borrow Ditch Crossings	LS	100,000	6	600,000
Public Access	LS	750,000	1	750,000
Total				7,500,000

Notes:

1. Prevailing wage to be determined by bidding.

Equipment	
Equipment Description	Total Cost \$
N/A - Provided by contractors.	
Total	0

Materials			
Materials Used	Unit Costs (\$)	No. of Units	Total (\$)
Included above			
Total			0

Budget Category (d) Total

7,500,000

Budget Category (e): Environmental Compliance/Mitigation/Enhancement**Description:**

Types of monitoring include marsh development, channel development, birds, biosentinel mercury monitoring, water quality, and other items specifically required by project permits.

Task 10 Environmental Compliance/Mitigation/Enhancement

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Biologists	100	1,000	100,000			100,000
Total		1,000	100,000	0	0	100,000

Budget Category (e) Total

100,000

Budget Category (f): Construction Administration**Description:**

Construction administration costs associated with this project corresponding to Task 11 in the Work Plan, are estimated to cost \$250,000. This cost was based on the assumption of the level of effort corresponding to 100 hours/month for project engineer level administration/oversight as well as field management, and approximately 30 hours/month for project administrators in onsite supervision.

Task 11 Construction Administration

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Construction Administrator	150	1,200	180,000			180,000
Executive Project Manager	135	350	47,250			47,250
SCC Project Manager	65	350	22,750			22,750
Total		1,900	250,000	0	0	250,000

Budget Category (f) Total**250,000****Row (g) Other Costs****0****Description:**

There are no other costs associated with this Project.

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
						0
Total		0	0	0	0	0

Row (h) Construction/Implementation Contingency**750,000****Assumptions:**

Due to the unpredictable nature of the soils, the construction phase may take longer or involve additional mobilization and/or earthwork. The construction contingency cost is estimated at 10% of all direct construction costs.

Percentage used for contingency

10

%

Cost (\$)

750,000

TOTAL ESTIMATED COST OF THIS PROJECT**9,300,000**

This project will be funded through the following mechanisms:

Non-State Share (match):

71

%

\$

6,600,000

Requested Grant Funding:

\$

1,250,000

Other State Funds being Used:

\$

1,450,000

Budget Information for Program 4: Regional Green Infrastructure Capacity Building Program

This program consists of the following projects –

- (a) San Pablo Spine and Regional Promotion of Green Infrastructure
- (b) Hacienda Avenue “Green Street” Improvement
- (c) Napa Valley Rainwater Harvesting

Table 8 - Summary Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Regional Green Infrastructure Capacity Building Project

Individual Project Title		Non-State Share (Funding Match)	Requested Grant Funding (DWR Grant Amount)	Other State Funds Being Used	Total	% Funding Match
		Grand Total (Sum rows (a) through (h) for each column in Table 7)	Grand Total (Sum rows (a) through (h) for each column in Table 7)	Grand Total (Sum rows (a) through (h) for each column in Table 7)	Grand Total (Sum rows (a) through (h) for each column in Table 7)	
(a)	San Pablo Spine & Regional Green Infrastructure Regionalization	\$1,905,000	\$2,315,882	\$0	\$4,220,882	45%
(b)	Hacienda Avenue "Green Street" Improvement	\$2,632,557	\$1,999,999	\$0	\$4,632,556	57%
(c)	Napa Valley Rainwater Harvesting	\$78,335	\$250,000	\$0	\$328,335	24%
	Grand Total (Sum rows (a) through (h) for each column)	\$4,615,892	\$4,565,881	\$0	\$9,181,773	50%

Table 7 - Project Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: San Pablo Spine & Regional Promotion of Green Infrastructure

Budget Category		(a)	(b)	(c)	(d)	(e)
		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$207,359		\$207,359	0%
(b)	Land Purchase/Easement	\$0	\$0		\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$0	\$270,569		\$270,569	0%
(d)	Construction/Implementation	\$1,785,000	\$1,154,498		\$2,939,498	61%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0		\$0	0%
(f)	Construction Administration	\$0	\$495,956		\$495,956	0%
(g)	Other Costs	\$0	\$0		\$0	0%
(h)	Construction/Implementation Contingency	\$120,000	\$187,500		\$307,500	39%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$1,905,000	\$2,315,882	\$0	\$4,220,882	45%

*List sources of funding: Use as much space as required.

Project Title: San Pablo Spine & Regional Promotion of Green Infrastructure**Budget Category (a): Direct Project Administration Costs****Description:**

Project administration costs for the San Pablo Spine & Regional Promotion of Green Infrastructure project, corresponding to Tasks 1 through 3 of the Work Plan, are estimated to be \$207,359. This assumes project administration costs will be about 5% of the total project costs, and is based on SFEP's prior experience with other similar programs.

Task 1 Administration Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Principal Environmental Planner	102	50	5,100	Printing, postage, and miscellaneous	1,000	6,100
Contract manager	77	750	57,750			57,750
Inhouse counsel	161	60	9,660			9,660
Financial Specialist	65	360	23,400			23,400
Accounting Specialist	62	360	22,320			22,320
Assistant Finance Director	97	108	10,476			10,476
SFEP Director	113	40	4,520			4,520
Total		1,728	133,226	0	1,000	134,226

Task 2 Labor Compliance Program Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
				Labor Compliance Program ¹	28,450	28,450
				Indirect	44,683	44,683
Total		0	0	0	73,133	73,133

Notes:

1. Costs for the Labor Compliance Program are estimated at 1% of total construction costs.

Task 3 Reporting Budget

The cost for this task is included in Task 1.

Budget Category (a) Total

207,359

Budget Category (b): Land Purchase/Easement (if applicable)

0

Not applicable. The project will be constructed within Caltrans right-of-way and city-owned property. The cities and Caltrans are providing access to these lands as contribution to the project.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

This budget line item is estimated to cost \$270,569 and includes \$261,729 for Task 5 Final Design and \$8,840 for Task 6 Environmental Documentation.

Task 4 Assessment and Evaluation

Not applicable. The project does not involve preparation of assessment or evaluation studies.

Task 5 Final Design

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Bid Process for Design						
SFEP Director	113	5	565	Design Contractor	231,000	231,565
Contract Manager	77	36	2,772			2,772
Environmental Scientist	67	24	1,608			1,608
Outreach Coordinator	69	24	1,656			1,656
ABAG Attorney	161	24	3,864			3,864
Planting Plans						
Environmental Scientist	67	65	4,355			4,355
Outreach Coordinator	69	65	4,485			4,485
Design Contractor Oversight & Coordination						
Environmental Scientist	67	84	5,628			5,628
Outreach Coordinator	69	84	5,796			5,796
Total		411	30,729		231,000	261,729

Task 6 Environmental Documentation

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
CEQA						
Environmental Scientist	67	65	4,355			4,355
Outreach Coordinator	69	65	4,485			4,485
Total		130	8,840		0	8,840

Task 7 Permitting

Not applicable. The cities are waiving construction permit fees for the project

Budget Category (c) Total

270,569

Budget Category (d): Construction/Implementation**Description:**

Construction and implementation costs for the project are estimated to be \$2,939,498. This includes \$73,966 for construction contracting, and \$2,865,532 for construction/implementation. This assumes that construction contracting costs will be about 3% of total construction costs, and is based on SFEP's prior experience with similar projects. Construction costs are based on a bid estimate for a similar project in San Pablo Avenue in December 2009, and is attached as supporting documentation to this budget.

Task 8 Construction Contracting

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Construction Contractor (Bidding and Contracting)						
SFEP Director	113	40	4,520			4,520
Contract Manager	77	160	12,320			12,320
Environmental Scientist	67	120	8,040			8,040
Outreach Coordinator	69	120	8,280			8,280
ABAG Attorney	161	80	12,880			12,880
Planting Contractor (Bidding and Contracting)						
SFEP Director	113	20	2,260			2,260
Contract Manager	77	80	6,160			6,160
Environmental Scientist	67	80	5,360			5,360
Outreach Coordinator	69	80	5,520			5,520
ABAG Attorney	161	20	3,220			3,220
Signage Contractor (Bidding and Contracting)						
SFEP Director	113	2	226			226
Contract Manager	77	16	1,232			1,232
Environmental Scientist	67	4	268			268
Outreach Coordinator	69	16	1,104			1,104
ABAG Attorney	161	16	2,576			2,576
Total		854	73,966	0	0	73,966

Task 9 Construction/Implementation

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Task 9.1 Project Construction						
				Construction Contractor	1,680,000	1,680,000
Task 9.2 Plant Establishment, Monitoring and Maintenance						
				Construction Contractor	420,000	420,000
Task 9.3 Conduct Monitoring						
				Monitoring by SFEI ¹	370,000	370,000
Task 9.4 Develop Interpretive Signs						
				Interpretive Signages	90,000	90,000
Task 9.5 Conduct Outreach						
Principal Environmental Planner	102	876	89,352	Subcontractor-videographer	15,000	104,352
Outreach Coordinator	69	308	21,252	Printing-Photography	10,000	31,252
SFEP Director	113	30	3,390	Subcontractor-Graphics Design	10,000	13,390
Environmental Scientist	67	20	1,340	Travel	1,050	2,390
Senior Regional Planner	92	100	9,200			9,200
Task 9.6 Bay Friendly Certification - All sites						
				Bay Friendly Landscape Raters	65,000	65,000
Task 9.7 Regional Coordination						
SFEP Director	113	80	9,040	Travel	500	9,540
Principal Environmental Planner	102	230	23,460			23,460
Outreach Coordinator	69	320	22,080			22,080
Contract Manager	77	48	3,696			3,696
Environmental Scientist	67	316	21,172			21,172
Total		2,328	203,982		2,661,550	2,865,532

Notes:

1. Includes \$40,000 in-kind match from EPA.

Budget Category (d) Total**2,939,498**

Budget Category (e): Environmental Compliance/Mitigation/Enhancement**Task 10 Environmental Compliance/Mitigation/Enhancement**

Not applicable. No additional environmental mitigation measures are necessary for this project.

Budget Category (e) Total**0****Budget Category (f): Construction Administration****Description:**

Total construction administration costs associated with the project are estimated at \$495,956. The costs are small percentages of the various implementation tasks based on SFEP's previous experience implementing a wide variety of projects. The total implementation admin budget reflects 12% of the total budget.

Task 11 Construction Administration

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Construction Contractor Oversight						
Environmental Scientist	67	240	16,080			16,080
Outreach Coordinator	69	240	16,560			16,560
Construction Management						
SFEP Director	113	40	4,520	Construction Management Firm	370,000	374,520
Contract Manager	77	120	9,240			9,240
Environmental Scientist	67	120	8,040			8,040
Outreach Coordinator	69	120	8,280			8,280
ABAG Attorney	161	40	6,440			6,440
Construction Management Firm Oversight						
Environmental Scientist	67	192	12,864			12,864
Outreach Coordinator	69	192	13,248			13,248
Plant Contractor Oversight						
Environmental Scientist	67	144	9,648			9,648
Outreach Coordinator	69	144	9,936			9,936
Coordination/Oversight of Monitoring Subcontractor						
Principal Environmental Planner	102	30	3,060			3,060
Environmental Scientist	67	120	8,040			8,040
Total		1,742	125,956		370,000	495,956

Budget Category (f) Total**495,956****Row (g) Other Costs****0****Description:**

There are no other costs for this project.

Row (h) Construction/Implementation Contingency**307,500****Assumptions:**

A 15% contingency has been added for this project, for a total of \$307,500. 15% was identified as a reasonable contingency based on SFEP's experience with similar projects.

Percentage used for
contingency

15

%

Cost (\$)

307,500

TOTAL ESTIMATED COST OF THIS PROJECT**4,220,882**

This project will be funded through the following mechanisms:

Non-State Share (match):	\$	1,905,000
Requested Grant Funding:	\$	2,315,882
Other State Funds being Used:	\$	0

9.4 Regional Outreach Task Budget

Task	Staff	Rate	# Hours	Subtotal
1. Develop three web pages: Stormwater Spine, Napa Raingardens, Campbell Green Street	Outreach Coordinator	69.00	48	\$3,312.00
2. Produce 3 podcasts, one on each project	Outreach Coordinator	69.00	80	\$5,520.00
	Principal Planner	102.00	40	\$4,080.00
	\$15,000 (subcontract)			\$15,000.00
3. Produce tours, forums, and/or training seminars (Lisa: spine/Jennifer Napa, Campbell)	Outreach Coordinator	69.00	60	\$4,140.00
	Principal Planner	102.00	240	\$24,480.00
	SFEP Director	113.00	10	\$1,130.00
	Senior Regional Planner	92.00	20	\$1,840.00
4. Develop brochures, articles, flyers, and other outreach materials, database of LID projects	Outreach Coordinator	69.00	80	\$5,520.00
	Principal Planner	102.00	144	\$14,688.00
	Graphic designer			\$10,000.00
	Printing-Photography			\$10,000.00
5. Presentations to ABAG Executive Board, the Estuary Partnership Implementation Committee, and other forums of public officials, resource agencies, non-profit organizations, and citizens' groups. Includes developing powerpoint presentation & distributing	Outreach coordinator	69.00	40	\$2,760.00
	Principal Planner	102.00	216	\$22,032.00
	SFEP Director	113.00	20	\$2,260.00
	Environmental Specialist	67.00	20	\$1,340.00
	travel			\$525.00
6. Individual meetings with additional cities interested in developing green infrastructure (meet with planners, public works directors, etc.)	Senior Regional Planner	92.00	80	\$7,360.00
	Principal Planner	102.00	216	\$22,032.00
	travel			\$525.00
7. Updates to IRWMP Coordination Committee agencies on benefits of green infrastructure	Principal Environmental Planner	102.00	20	\$2,040.00
in kind match of outreach activities from Green Infill-Clean Stormwater Grant (EPA)				\$40,000.00
				\$200,584.00

9.6 Coordination task budget				
Task/Deliverable	Staff	Rate	# Hours	Subtotal
1. Quarterly conference calls with all team members 12 conference calls (minutes submitted to DWR)				
	Principal Planner	102.00	36	\$3,672.00
	Environmental Scientist	67.00	60	\$4,020.00
	Outreach Coordinator	69.00	24	\$1,656.00
2. Coordinate quarterly reports - SFEI, Stopwaste, Spine 11 quarterly reports submitted to DWR				
	Environmental Scientist	67.00	176	\$11,792.00
	Principal Planner	102.00	80	\$8,160.00
	Outreach Coordinator	69.00	231	\$15,939.00
	Contract Manager	77.00	24	\$1,848.00
3. Annual site visits campbell, napa, spine visit to each site annually (DWR may attend)				
	Principal Planner	102.00	74	\$7,548.00
	Outreach Coordinator	69.00	25	\$1,725.00
	SFEP Director	113.00	72	\$8,136.00
	travel			\$500.00
4. Coordinate draft final and final reports: SFEI, Stopwaste, Campbell, Napa 1 draft and 1 final report				
	Environmental Scientist	67.00	80	\$5,360.00
	Principal Planner	102.00	40	\$4,080.00
	Contract Manager	77.00	24	\$1,848.00
	Outreach Coordinator	69.00	40	\$2,760.00
	SFEP Director	113.00	8	\$904.00
TOTAL				\$79,948.00

Table 7 - Project Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: Hacienda Avenue "Green Street" Improvement

Budget Category		(a)	(b)	(c)	(d)	(e)
		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$4,248	\$16,992	\$0	\$21,240	20%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$41,848	\$166,227	\$0	\$208,075	20%
(d)	Construction/Implementation	\$2,279,097	\$1,362,800	\$0	\$3,641,897	63%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$40,040	\$160,162	\$0	\$200,202	20%
(g)	Other Costs	\$28,000	\$112,000	\$0	\$140,000	20%
(h)	Construction/Implementation Contingency	\$239,323	\$181,818	\$0	\$421,142	57%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$2,632,557	\$1,999,999	\$0	\$4,632,556	57%

***List sources of funding:** Use as much space as required.

Table 7 - Project Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: Napa Valley Rainwater Harvesting

Budget Category		(a)	(b)	(c)	(d)	(e)
		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$2,700	\$9,000	\$0	\$11,700	23%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$5,000	\$45,000	\$0	\$50,000	10%
(d)	Construction/Implementation	\$68,000	\$145,000	\$0	\$213,000	32%
(e)	Environmental Compliance/ Mitigation/Enhancement		\$0	\$0	\$0	0%
(f)	Construction Administration	\$1,000	\$21,000	\$0	\$22,000	5%
(g)	Other Costs	\$1,000	\$15,000	\$0	\$16,000	6%
(h)	Construction/Implementation Contingency	\$635	\$15,000	\$0	\$15,635	4%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$78,335	\$250,000	\$0	\$328,335	24%

*List sources of funding: Use as much space as required.

Project Title: Hacienda Avenue Green Street Improvement Project**Budget Category (a): Direct Project Administration Costs****Description:**

Project administration costs for the Hacienda Ave Green Streets project, corresponding to Tasks 1 through 3 of the Work Plan, are estimated to be \$21,240. This assumes project administration costs will be about 1% of the total project costs. Project administration costs for this project are considerably lower because SFEP will be undertaking most of the project administration activities associated with the Program.

Task 1 Administration Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Manager	92	170	15,640			15,640
Project Engineer	70	80	5,600			5,600
Total		250	21,240		0	21,240

Task 2 Labor Compliance Program Budget

The cost for this task is included under Task 1.

Task 3 Reporting Budget

The cost for this task is included under Task 1.

Budget Category (a) Total **21,240**

Budget Category (b): Land Purchase/Easement (if applicable)**0**

Not applicable. The project is located within the City of Campbell's right-of-ways and will not require any land purchase easements.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

Planning/design/engineering/environmental documentation funds will be used to complete the following tasks:
- Complete 10%, 30%, 60%, 90% and Final Design of the project. This project is categorically exempted under CEQA and will not require permits because all work will be completed within the city right-of-way.

Task 4 Assessment and Evaluation

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Total		0	0		0	0

Task 5 Final Design

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
10% Design -Project Manager	92	100	9,205			9,205
10% Design -Project Engineer	71	100	7,056			7,056
30% Design -Project Manager	92	400	36,820			36,820
30% Design -Project Engineer	71	400	28,224			28,224
30% Design - Inspector	74	20	1,475			1,475
60% Design -Project Manager	92	300	27,615			27,615
60% Design -Project Engineer	71	300	21,168			21,168
60% Design -Inspector	74	30	2,213			2,213
90% Design -Project Manager	92	200	18,410			18,410
90% Design -Project Engineer	71	300	21,168			21,168
90% Design -Inspector	74	50	3,689			3,689
100% Design -Project Manager	92	95	8,745			8,745
100% Design -Project Engineer	71	90	6,350			6,350
100% Design - Inspector	74	100	7,377			7,377
Admin - Project Manager	92	70	6,444			6,444
Admin - Project Engineer	71	30	2,117			2,117
Total		2,585	208,075		0	208,075

Task 6 Environmental Documentation

Not applicable. The project is categorically exempt from CEQA.

Task 7 Permitting

Not applicable. All work will occur within the city right-of-way.

Budget Category (c) Total **208,075**

Budget Category (d): Construction/Implementation**Description:**

Construction and implementation costs for the Hacienda Ave Green Streets Project are estimated to be \$3,640,731.

Task 8 Construction Contracting

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
100% Design -Project Manager	92	5	460			460
100% Design -Project Engineer	71	10	706			706
Total		15	1,166		0	1,166

Task 9 Construction/Implementation

Please refer to attached detailed budget breakdown (Hacienda Construction Breakdown).

Budget Category (d) Total 3,641,897

Budget Category (e): Environmental Compliance/Mitigation/Enhancement**Task 10 Environmental Compliance/Mitigation/Enhancement**

Not applicable. No additional environmental mitigation measures are necessary for this project.

Budget Category (e) Total 0

Budget Category (f): Construction Administration**Description:**

Total construction administration costs associated with the project are estimated at \$200,202. The total construction admin budget reflects 4% of the total budget. Unit costs are based on actual billable rates. Number of hours are based on past data with similar project scope.

Task 11 Construction Administration

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Project Manager	92	600	55,230			55,230
Project Engineer	71	800	56,448			56,448
Inspector	74	1,200	88,524			88,524
Total		2,600	200,202	0	0	200,202

Budget Category (f) Total 200,202

Row (g) Other Costs	140,000
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Description:
 Other costs for this Project are estimated at \$140,000, which includes \$60,000 for material testing and \$80,000 for monitoring during the construction/initial implementation of the project.

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
				Material Testing	60,000	60,000
				Monitoring	80,000	80,000
Total		0	0	0	140,000	140,000

Row (h) Construction/Implementation Contingency	421,142
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Assumptions:
 A 10% contingency has been added for this project, for a total of \$421,142. 10% was identified as a reasonable contingency based on the City of Campbell's experience with similar projects.

Percentage used for contingency	10	%		Cost (\$)	421,142
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TOTAL ESTIMATED COST OF THIS PROJECT	4,632,556
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This project will be funded through the following mechanisms:

Non-State Share (match):	\$	2,632,557
Requested Grant Funding:	\$	1,999,999
Other State Funds being Used:	\$	0

Item No	Item Description	Unit	Unit Price	Quantity	Extension	Bioretention Areas	Street Narrowing	Misc
1	TRAFFIC CONTROL	LS	\$80,000.00	1.00	\$ 80,000.00	40,000.00	40,000.00	
2	CONSTRUCTION STAKING & LAYOUT	LS	\$60,000.00	1.00	\$ 60,000.00	30,000.00	30,000.00	
3	RESET MONUMENT	EA	\$1,250.00	12.00	\$ 15,000.00			15,000.00
4	CLEARING, GRUBBING, AND REMOVAL OF OBSTRUCTIONS	LS	\$100,000.00	1.00	\$ 100,000.00	100,000.00		
5	POTHOLING & EXPOSING UTILITIES	LS	\$20,000.00	1.00	\$ 20,000.00	20,000.00		
6	ADJUST STORM DRAIN MANHOLES TO GRADE	EA	\$635.40	15.00	\$ 9,531.00	9,531.00		
7	EXCAVATION/GRADING	CY	\$30.00	9,200.00	\$ 276,000.00	276,000.00		
8	8" AC DIGOUT	SF	\$14.28	60,000.00	\$ 856,800.00		856,800.00	
9	WEDGE GRIND/CONFORM CUTS	LS	\$1,750.00	1.00	\$ 1,750.00		1,750.00	
10	3" RAC	TON	\$150.00	4,500.00	\$ 675,000.00		675,000.00	
11	MISC ASPHALT CONCRETE (AC BERM)	TON	\$500.00	10.00	\$ 5,000.00	5,000.00		
12	DRAINAGE INLET MODIFICATIONS	EA	\$2,000.00	46.00	\$ 92,000.00	92,000.00		
13	CURB	LF	\$60.00	8,000.00	\$ 480,000.00	480,000.00		
14	PCC DRIVEWAY APPROACH/CONFORM	SF	\$20.00	15,300.00	\$ 306,000.00	306,000.00		
15	SIDEWALK	SF	\$10.00	9,225.00	\$ 92,250.00	92,250.00		
16	ACCESSIBILITY RAMP	EA	\$3,000.00	26.00	\$ 78,000.00			78,000.00
17	INSTALL BLUE FIRE HYDRANT MARKERS	EA	\$20.00	20.00	\$ 400.00			400.00
18	STRIPING	LF	\$1.50	30,000.00	\$ 45,000.00		9,250.00	35,750.00
19	12 IN. LIMIT LINE/ CROSSWALK - THERMO.	LF	\$5.00	2,000.00	\$ 10,000.00			10,000.00
20	PAVEMENT LEGENDS - THERMO	SF	\$5.00	1,000.00	\$ 5,000.00			5,000.00
22	SIGNS	LS	\$10,000.00	1.00	\$ 10,000.00			10,000.00
23	STREET TREE (24" BOX)	EA	\$400.00	230.00	\$ 92,000.00	92,000.00		
24	INSTALL LANDSCAPE & IRRIGATION	LS	\$300,000.00	1.00	\$ 300,000.00	300,000.00		
25	STREETLIGHT (LED)	EA	\$1,000.00	31.00	\$ 31,000.00			31,000.00
SUBTOTAL CONSTRUCTION					\$ 3,640,731.00	\$ 1,842,781.00	\$ 1,612,800.00	\$ 185,150.00

Project Title: Napa Valley Rainwater Harvesting**Budget Category (a): Direct Project Administration Costs****Description:**

Project administration costs for the Napa Valley Rainwater Harvesting project, corresponding to Tasks 1 through 3 of the Work Plan, are estimated to be \$11,700. This assumes project administration costs will be about 4% of the total project costs, and is based on Napa's experience with other similar programs.

Task 1 Administration Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Administrator	90	130	11,700			11,700
Total		130	11,700		0	11,700

Task 2 Labor Compliance Program Budget

The cost for this task is included under Task 1 above.

Task 3 Reporting Budget

The cost for this task is included under Task 1 above.

Budget Category (a) Total 11,700

Budget Category (b): Land Purchase/Easement (if applicable)

0

Not applicable. The project will not require land purchase/easements.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

Planning/design/engineering/environmental documentation funds will be used to complete the following tasks:

- Complete 30%, 60%, 90% and Final Design of the project. This project is categorically exempted under CEQA. Property owners will be responsible for obtaining any permits required and the cost of these permits are included in the project cost.

Task 4 Assessment and Evaluation

Not applicable. This project does not require assessment and evaluation studies.

Task 5 Final Design

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
30% Landscape Design	100	125	12,500			12,500
60% Landscape Design	100	125	12,500			12,500
90% Landscape Design	100	125	12,500			12,500
100% Landscape Design	100	125	12,500			12,500
Total		500	50,000		0	50,000

Task 6 Environmental Documentation

Not applicable. A categorical exemption has been submitted and NOE issued and on record.

Task 7 Permitting

Not applicable. Permits, if any, will be the responsibility of the property owners.

Budget Category (c) Total 50,000

Budget Category (d): Construction/Implementation**Description:**

Implementation costs for this project are estimated to be \$213,000.

Task 8 Construction Contracting

This cost is included under Task 9.

Task 9 Construction/Implementation

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Rain garden installers	50	1,440	72,000			72,000
Volunteer labor	40	200	8,000			8,000
Rain barrel installers	50	200	10,000			10,000
Total		1,840	90,000		0	90,000

Materials			
Materials Used	Unit Costs (\$)	No. of Units	Total (\$)
Rain barrel conversion materials	10	300	3,000
Rain garden plant materials	6,000	20	120,000
Total			123,000

Budget Category (d) Total **213,000**

Budget Category (e): Environmental Compliance/Mitigation/Enhancement**Description:**

This project is exempt from CEQA and therefore does not require any environmental compliance/mitigation/enhancement tasks.

Task 10 Environmental Compliance/Mitigation/Enhancement

Not applicable.

Budget Category (e) Total **0**

Budget Category (f): Construction Administration**Description:**

Total construction administration costs associated with the project are estimated at \$22,000. The total construction admin budget reflects 7% of the total budget. Number of hours are based on past data with similar project scope.

Task 11 Construction Administration

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
Project Manager	100	220	22,000			22,000
Total		220	22,000	0	0	22,000

Budget Category (f) Total **22,000**

Row (g) Other Costs**16,000****Description:**

Other costs associated with this project, associated with Task 9 in the Work Plan, are estimated to cost \$150,750. The breakdown of these costs is shown below. Assumptions: Expenses are based on previous experiences with outreach and monitoring projects

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total	Expense Item	Cost	
				Outreach to get participation	8,000	8,000
				Development of tracking and monitoring materials	4,000	4,000
				Training on how to track harvesting	4,000	4,000
Total		0	0	0	16,000	16,000

Row (h) Construction/Implementation Contingency**15,635****Assumptions:**

Contingency percentage based on typical contingencies associated with rain garden and rain barrel installation programs in the Bay Area.

Percentage used for contingency

5

%

Cost (\$)

15,635

TOTAL ESTIMATED COST OF THIS PROJECT**328,335**

This project will be funded through the following mechanisms:

Non-State Share (match):

\$

78,335

Requested Grant Funding:

\$

250,000

Other State Funds being Used:

\$

0

Budget Information for Program 5: Integrated Water Quality Improvement, Flood Management and Ecosystem Restoration in Bay Area Disadvantaged Communities (DAC) Budget

This program consists of the following projects –

- (a) Watershed Partnership Technical Assistance
- (b) Stream Restoration with Schools and Community in Disadvantaged Communities of the North Bay
- (c) Floodplain Mapping for the Bay Area with Disadvantaged Communities Focus
- (d) Storm Water Improvements and Flood Reduction Strategies Pilot Project in Bay Point
- (e) Disadvantaged Communities Richmond Shoreline and City of San Pablo Flood Project
- (f) Pescadero Creek Watershed Disadvantaged Communities Integrated Flood Reduction and Habitat Enhancement Project
- (g) Pescadero Creek Steelhead Smolt Outmigrant Trapping
- (h) Stream Channel Shapes and Floodplain Restoration Guidance and Watershed Restoration in San Francisquito Creek, East Palo Alto, a Disadvantaged Community
- (i) Steelhead and Coho: Bay Area Indicator for Restoration Success SF Estuary Steelhead Monitoring Program

Table 7 - Project Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: C. Floodplain Mapping for the Bay Area with Disadvantaged Communities Focus

Budget Category		(a) Non-State Share* (Funding Match)	(b) Requested Grant Funding	(c) Other State Funds Being Used	(d) Total	(e) % Funding Match
(a)	Direct Project Administration Costs	\$0	\$27,050	\$0	\$27,050	0%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$0	\$0	\$0	\$0	0%
(d)	Construction/Implementation	\$185,000	\$629,500	\$0	\$814,500	23%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$0	\$0	\$0	\$0	0%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$185,000	\$656,550	\$0	\$841,550	22%

*List sources of funding: Matching funds are from Estuary 2100 - USEPA (\$60,000), SFEI Geospatial Library (\$25,000), CIAP Wetlands Toolkit – Dpt. Of Interior (\$50,000), Development of Californias 401 On-Line Certification - USEPA (\$50,000).

Table 7 - Project Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: A. Watershed Partnership Technical Assistance

Budget Category		(a)	(b)	(c)	(d)	(e)
		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$7,334	\$0	\$7,334	0%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$0	\$0	\$0	\$0	0%
(d)	Construction/Implementation	\$53,289	\$142,666	\$0	\$195,955	27%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$0	\$0	\$0	\$0	0%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$53,289	\$150,000	\$0	\$203,289	26%

*List sources of funding: Match provided by the San Francisco Estuary Partnership

Project Title: A. Watershed Partnership Technical Assistance**Budget Category (a): Direct Project Administration Costs****Description:**

Project administration costs for this project are estimated to be \$7,334. This assumes project administration costs will be about 4% of the total project costs, and is based on experience with SFEP's programs. Grant administration costs include costs for preparing quarterly and final reports for submittal to DWR

Task 1 Administration Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Finance Specialist	\$61.00	42	2,562			2,562
Payroll Specialist	\$54.41	41	2,231			2,231
Total		83	4,793		0	4,793

Task 2 Labor Compliance Program Budget

Not applicable. This project is not a public works construction project and does not involve any construction work.

Task 3 Reporting Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Grant Administrator	77	33	2,541			2,541
Total		33	2,541		0	2,541

Budget Category (a) Total**7,334****Budget Category (b): Land Purchase/Easement (if applicable)****0**

Not applicable. This project does not require land purchase/easements.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

Not applicable. There are no planning/design/engineering/environmental/permitting tasks associated with this Project.

Task 4 Assessment and Evaluation

Not applicable. This project does not require preparation of assessment and evaluation studies.

Task 5 Final Design

Not applicable. This program does not require design services.

Task 6 Environmental Documentation

Not applicable. The Program is not considered a project under CEQA [CEQA Guideline 15378]

Task 7 Permitting

Not applicable. This program does not require permits.

Budget Category (c) Total**0**

Budget Category (d): Construction/Implementation**Description:**

Implementation costs for this project are estimated to be \$195,956. The match provided for this task is \$53,289. This includes costs for the following subtasks:

9.1 Assist the Bay Area Watershed Network (BAWN) and its Working groups to participate in the IRWMP

9.2 Develop Program Information Resources

9.3 Conduct Data Management

Task 8 Construction Contracting

Not applicable. This project will not involve any construction.

Task 9 Construction/Implementation

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Watershed Coordinator	\$46.12	3624	167,139	Workshop Materials	1,045	168,184
Director Supervision	\$112.00	86	9,632	Multimedia Consultant ¹	2,500	12,132
Web Designer	100	50	5,000	Newsletter Inserts	2,265	7,265
Conduct technical training workshops	LS		8,375			8,375
Total		3,760	190,146		5,810	195,956

Note(s):

1. Assuming development of 1 video.

Budget Category (d) Total 195,956

Budget Category (e): Environmental Compliance/Mitigation/Enhancement**Task 10 Environmental Compliance/Mitigation/Enhancement**

Not applicable. The program is not considered a project under CEQA [CEQA Guideline 15378].

Budget Category (e) Total 0

Budget Category (f): Construction Administration

Task 11 Construction Administration

Not applicable. The Program does not include construction activities.

Budget Category (f) Total 0

Row (g) Other Costs 0

Description:

There are no other costs associated with this Project.

Row (h) Construction/Implementation Contingency 0

Assumptions:

There are no contingency costs associated with construction/implementation of this project.

Percentage used for contingency % Cost (\$)

TOTAL ESTIMATED COST OF THIS PROJECT 203,290

This project will be funded
through the following
mechanisms:

Non-State Share (match):	\$	53,289
Requested Grant Funding:	\$	150,000
Other State Funds being Used:	\$	#N/A

Table 7 - Project Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: B. Stream Restoration with Schools and Community in DACs of the North Bay

Budget Category		(a)	(b)	(c)	(d)	(e)
		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$27,110	\$0	\$27,110	0%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$0	\$0	\$0	\$0	0%
(d)	Construction/Implementation	\$65,000	\$172,890	\$0	\$237,890	27%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$0	\$0	\$0	\$0	0%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$65,000	\$200,000	\$0	\$265,000	25%

*List sources of funding: \$65,000 match in volunteer time in communities where planting days are occurring

Project Title: B. Stream Restoration with Schools and Communities in DACs of the North Bay**Budget Category (a): Direct Project Administration Costs****Description:**

Project administration costs for this project are estimated to be \$9,988. This assumes project administration costs will be about 4% of the total project costs. Grant administration costs include costs for preparing quarterly and final reports for submittal to DWR

Task 1 Administration Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Watershed Education Director	\$79.27	50	3,964			3,964
Total		50	3,964		0	3,964

Task 2 Labor Compliance Program Budget

Not Applicable.

Task 3 Reporting Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Watershed Education Director	79	76	6,025			6,025
Total		76	6,025		0	6,025

Budget Category (a) Total 9,988

Budget Category (b): Land Purchase/Easement (if applicable)

0

Not applicable. This project does not require land purchase/easements.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

Not applicable. There are no planning/design/engineering/environmental/permitting tasks associated with this Project.

Task 4 Assessment and Evaluation

Not applicable. This project does not require preparation of assessment and evaluation studies.

Task 5 Final Design

Not applicable. This program does not require design services.

Task 6 Environmental Documentation

Not applicable. The Program is not considered a project under CEQA [CEQA Guideline 15378]

Task 7 Permitting

Not applicable. This program does not require permits.

Budget Category (c) Total 0

Budget Category (d): Construction/Implementation**Description:**

Implementation costs for this project are estimated to be \$255,012. This cost consists of ten planting days, with oversight from the Bay Institute, and teacher professional development and student environmental education in class and in the field.

Task 8 Construction Contracting

Not applicable. This project will not involve any construction.

Task 9 Implementation

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Watershed Education Director	\$79.27	265	21,007	Mileage	2,200	23,207
STRAW Restoration Manager	\$62.98	630	39,677	Teacher training	5,000	44,677
Restoration Assistant Manager	\$38.32	604	23,145	Educational Consultants	5,000	28,145
Watershed Education Director	\$79.27	49	3,884	Consultant Services-PCI	13,550	17,434
Project Manager	\$52.53	252	13,238	Consultant Services-PRBO	4,000	17,238
Watershed Education Coordinators	\$33.15	844	27,979			27,979
Matching Funds						
Time Match (from teachers and students)	20	3,250	65,000			65,000
Total		5,894	193,930		29,750	223,680

Materials Used	Unit Costs (\$)	No. of Units	Total (\$)
Plants and Materials	8,842	1	8,842
Driveway/Irrigation Supplies	20,840	1	20,840
Portable toilets/storage/shared equipment	1,650	1	1,650
Total			31,332

Budget Category (d) Total 255,012

Budget Category (e): Environmental Compliance/Mitigation/Enhancement**Task 10 Environmental Compliance/Mitigation/Enhancement**

Not applicable. The program is not considered a project under CEQA [CEQA Guideline 15378].

Budget Category (e) Total 0

Budget Category (f): Construction Administration**Task 11 Construction Administration**

Not applicable. The Program does not include construction activities.

Budget Category (f) Total 0

Row (g) Other Costs 0

Description:

There are no other costs associated with this Project.

Row (h) Construction/Implementation Contingency 0

Assumptions:

There are no contingency costs associated with construction/implementation of this project.

Percentage used for contingency 0 % Cost (\$) 0

TOTAL ESTIMATED COST OF THIS PROJECT 265,000

This project will be funded through the following mechanisms:

Non-State Share (match):	\$	65,000
Requested Grant Funding:	\$	200,000
Other State Funds being Used:	\$	#N/A

Table 8 - Summary Budget

5. Integrated Water Quality Improvement, Flood Management and Ecosystem Restoration in Bay Area Disadvantaged Communities

Individual Project Title		Non-State Share (Funding Match)	Requested Grant Funding (DWR Grant Amount)	Other State Funds Being Used	Total	% Funding Match
(a)	Watershed Partnership Technical Assistance	\$53,289	\$150,000	\$0	\$203,289	26%
(b)	Stream Restoration with Schools and Community in Disadvantaged Communities of the North Bay	\$65,000	\$200,000	\$0	\$265,000	25%
(c)	Floodplain Mapping for the Bay Area with Disadvantaged Communities Focus	\$185,000	\$656,550	\$0	\$841,550	22%
(d)	Storm Water Improvements and Flood Reduction Strategies Pilot Project in Bay Point	\$25,000	\$160,000	\$0	\$185,000	14%
(e)	Disadvantaged Communities Richmond Shoreline and City of San Pablo Flood Project	\$230,000	\$85,000	\$0	\$315,000	73%
(f)	Pescadero Creek Watershed Disadvantaged Communities Integrated Flood Reduction and Habitat Enhancement Project	\$0	\$103,000	\$0	\$103,000	0%
(g)	Pescadero Creek Steelhead Smolt Outmigrant Trapping	\$35,500	\$119,310	\$0	\$154,810	23%
(h)	Stream Channel Shapes and Floodplain Restoration Guidance and Watershed Restoration in San Francisquito Creek, East Palo Alto, a Disadvantaged Community	\$80,800	\$230,000	\$0	\$310,800	26%
(i)	Steelhead and Coho: Bay Area Indicator for Restoration Success SF Estuary Steelhead Monitoring Program	\$125,000	\$378,166	\$0	\$503,166	25%
Grand Total (Sum rows (a) through (h) for each column)		\$674,589	\$1,703,860	\$0	\$2,378,449	28%

Project Title: C. Floodplain Mapping for the Bay Area with Disadvantaged Communities Focus**Budget Category (a): Direct Project Administration Costs****Description:**

Project administration costs for this project are estimated to be \$27,050. This assumes project administration costs will be about 3% of the total project costs. Grant administration costs include costs for preparing quarterly and final reports for submittal to DWR

Task 1 Administration Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Senior Scientist	\$171.00	10	1,710	Indirect Costs	3,630	5,340
Project Manager SFEI	\$115.00	70	8,050			8,050
GIS Manager	\$88.00	20	1,760			1,760
GIS Specialist	\$60.00	60	3,600			3,600
Art Director	\$92.00	20	1,840			1,840
Web Map Specialist	\$100.00	20	2,000			2,000
UI Specialist	\$88.00	20	1,760			1,760
Systems Specialist	\$135.00	20	2,700			2,700
Total		240	23,420		3,630	27,050

Task 2 Labor Compliance Program Budget

Not Applicable.

Task 3 Reporting Budget

The budget for this task is included in Task 1.

Budget Category (a) Total 27,050**Budget Category (b): Land Purchase/Easement (if applicable)**

0

Not applicable. This project does not require land purchase/easements.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

Not applicable. There are no planning/design/engineering/environmental/permitting tasks associated with this Project.

Task 4 Assessment and Evaluation

Not applicable. This project does not require preparation of assessment and evaluation studies.

Task 5 Final Design

Not applicable. This program does not require design services.

Task 6 Environmental Documentation

Not applicable. The Program is not considered a project under CEQA [CEQA Guideline 15378]

Task 7 Permitting

Not applicable. This program does not require permits.

Budget Category (c) Total 0**Budget Category (d): Construction/Implementation****Description:**

Implementation costs for this project are estimated to be \$814,500. Of this total, \$185,000 matching funds will go towards flood infrastructure data gathering and standardization, development of interactive web map, and enhancements to the functionality of the interactive web map.

Task 8 Construction Contracting

Not applicable. This project will not involve any construction.

Task 9 Implementation

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Senior Scientist	\$171.00	152	25,992	Indirect Costs	1,550	27,542
Project Manager SFEI	\$115.00	250	28,750			28,750
GIS Manager	\$88.00	926	81,488			81,488
GIS Specialist	\$60.00	4479	268,740			268,740
Art Director	\$92.00	285	26,220			26,220
Web Map Specialist	\$100.00	890	89,000			89,000
UI Specialist	\$88.00	930	81,840			81,840
Systems Specialist	\$135.00	192	25,920			25,920
Matching Funds						
Data gathering and standardization, development interactive web map, and enhancements in functionality of web map	LS		185,000			185,000
Total		8,104	812,950		1,550	814,500

Budget Category (d) Total 814,500

Budget Category (e): Environmental Compliance/Mitigation/Enhancement**Task 10 Environmental Compliance/Mitigation/Enhancement**

Not applicable. The program is not considered a project under CEQA [CEQA Guideline 15378].

Budget Category (e) Total**0****Budget Category (f): Construction Administration****Task 11 Construction Administration**

Not applicable. The Program does not include construction activities.

Budget Category (f) Total**0****Row (g) Other Costs****0****Description:**

There are no other costs associated with this Project.

Row (h) Construction/Implementation Contingency**0****Assumptions:**

There are no contingency costs associated with construction/implementation of this project.

Percentage used for
contingency

%

Cost (\$)

TOTAL ESTIMATED COST OF THIS PROJECT**841,550**

This project will be funded
through the following
mechanisms:

Non-State Share (match):

\$

Requested Grant Funding:

\$

Other State Funds being Used:

\$

Table 7 - Project Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: D. Storm Water Improvements and Flood Reduction Strategies Pilot Project in Bay Point

Budget Category		(a)	(b)	(c)	(d)	(e)
		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$7,990	\$0	\$7,990	0%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$0	\$0	\$0	\$0	0%
(d)	Construction/Implementation	\$25,000	\$152,010	\$0	\$177,010	14%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$0	\$0	\$0	\$0	0%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$25,000	\$160,000	\$0	\$185,000	14%

***List sources of funding: Contra Costa County Public Works**

Project Title: D. Storm Water Improvements and Flood Reduction Strategies Pilot Project in Bay Point**Budget Category (a): Direct Project Administration Costs****Description:**

Project administration costs for this project are estimated to be \$7,990. This assumes project administration costs will be about 4% of the total project costs. Grant administration costs include costs for preparing quarterly and final reports for submittal to DWR

Task 1 Administration Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Principal	\$155.00	6	930			930
Staff Professional	\$100.00	29	2,900			2,900
Sr Project Administrator	\$70.00	12	840			840
Total		47	4,670		0	4,670

Task 2 Labor Compliance Program Budget

Not Applicable.

Task 3 Reporting Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Sr Report Specialist	\$70.00	10	700			700
Principal	\$155.00	4	620			620
Staff Professional	\$100.00	20	2,000			2,000
Total		34	3,320		0	3,320

Budget Category (a) Total 7,990

Budget Category (b): Land Purchase/Easement (if applicable)

0

Not applicable. This project does not require land purchase/easements.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

Not applicable. There are no planning/design/engineering/environmental/permitting tasks associated with this Project.

Task 4 Assessment and Evaluation

Not applicable. This project does not require preparation of assessment and evaluation studies.

Task 5 Final Design

Not applicable. This program does not require design services.

Task 6 Environmental Documentation

Not applicable. The Program is not considered a project under CEQA [CEQA Guideline 15378]

Task 7 Permitting

Not applicable. This program does not require permits.

Budget Category (c) Total 0

Budget Category (d): Construction/Implementation**Description:**

Implementation costs for this project are estimated to be \$177,010. Of this total, \$25,000 is provided as matching funds by Contra Costa County Public Works staff who will assist in project and record finding.

Task 8 Construction Contracting

Not applicable. This project will not involve any construction.

Task 9 Implementation

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Principal	\$155.00	65	10,075			10,075
Sr Professional	\$135.00	200	27,000			27,000
Project Professional	\$125.00	257	32,125			32,125
Staff Professional	\$100.00	428	42,800			42,800
Non-profit community work	\$100.00	288	28,800			28,800
Sr Report Specialist	\$70.00	7	490			490
GIS/CAD Specialist	\$80.00	134	10,720			10,720
Matching Funds						
Contra Costa County Public Works Staff Time	LS		25,000			25,000
Total		1,379	177,010		0	177,010

Budget Category (d) Total 177,010

Budget Category (e): Environmental Compliance/Mitigation/Enhancement**Task 10 Environmental Compliance/Mitigation/Enhancement**

Not applicable. The program is not considered a project under CEQA [CEQA Guideline 15378].

Budget Category (e) Total 0

Budget Category (f): Construction Administration**Task 11 Construction Administration**

Not applicable. The Program does not include construction activities.

Budget Category (f) Total 0

Row (g) Other Costs 0

Description:

There are no other costs associated with this Project.

Row (h) Construction/Implementation Contingency 0

Assumptions:

There are no contingency costs associated with construction/implementation of this project.

Percentage used for contingency 0 % Cost (\$) 0

TOTAL ESTIMATED COST OF THIS PROJECT

185,000

This project will be funded through the following mechanisms:

Non-State Share (match):	\$	25,000
Requested Grant Funding:	\$	160,000
Other State Funds being Used:	\$	#N/A

Table 7 - Project Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: E. Disadvantaged Communities Richmond Shoreline and City of San Pablo Flood Project

Budget Category		(a) Non-State Share* (Funding Match)	(b) Requested Grant Funding	(c) Other State Funds Being Used	(d) Total	(e) % Funding Match
(a)	Direct Project Administration Costs	\$0	\$4,250	\$0	\$4,250	0%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$230,000	\$80,750	\$0	\$310,750	74%
(d)	Construction/Implementation	\$0	\$0	\$0	\$0	0%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$0	\$0	\$0	\$0	0%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$230,000	\$85,000	\$0	\$315,000	73%

*List sources of funding: \$230,000 City of San Pablo – City staff time and redevelopment \$ into this area

Project Title: E. Disadvantaged Communities Richmond Shoreline and City of San Pablo Flood Project**Budget Category (a): Direct Project Administration Costs****Description:**

Project administration costs for this project are estimated to be \$4,250. This assumes project administration costs will be about 1.5% of the total project costs. Grant administration costs include costs for preparing quarterly and final reports for submittal to DWR

Task 1 Administration Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Community Organizer	\$85.00	30	2,550			2,550
Total		30	2,550		0	2,550

Task 2 Labor Compliance Program Budget

Not Applicable.

Task 3 Reporting Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Community Organizer	\$85.00	20	1,700			1,700
Total		20	1,700		0	1,700

Budget Category (a) Total**4,250****Budget Category (b): Land Purchase/Easement (if applicable)****0**

Not applicable. This project does not require land purchase/easements.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

Planning/design costs are estimated at \$310,750. Of this total, \$230,000 is provided as matching funds by the City of San Pablo through staff time and redevelopment investment into this area, including previous work done.

The following tasks are included in this budget category:

4.1 Technical Assistance for Stream Restoration Design

4.2 Finalize Technical Feasibility Evaluations for Wildcat Creek Restoration in the City of San Pablo

5 Coordinate and Design the North Richmond Shoreline Access Project

Task 4 Assessment and Evaluation

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Community Organizer	\$85.00	412	35,020			35,020
Planner	\$115.00	112	12,880			12,880
Civil Engineer	\$150.00	199	29,850			29,850
Student	\$500 stipend per student	6 students	3,000			3,000
Matching Funds						
City of San Pablo staff time and redevelopment investment into the area	LS		230,000			230,000
Total		723	310,750		0	310,750

Task 5 Final Design

Costs for this task are included in Task 4.

Task 6 Environmental Documentation

Not applicable. The Program is not considered a project under CEQA [CEQA Guideline 15378]

Task 7 Permitting

Not applicable. This program does not require permits.

Budget Category (c) Total**310,750**

Budget Category (d): Construction/Implementation

Task 8 Construction Contracting

Not applicable. This project will not involve any construction.

Task 9 Construction/Implementation

Not applicable. This project will not involve any construction.

Budget Category (d) Total 0

Budget Category (e): Environmental Compliance/Mitigation/Enhancement

Task 10 Environmental Compliance/Mitigation/Enhancement

Not applicable. The program is not considered a project under CEQA [CEQA Guideline 15378].

Budget Category (e) Total 0

Budget Category (f): Construction Administration

Task 11 Construction Administration

Not applicable. The Program does not include construction activities.

Budget Category (f) Total 0

Row (g) Other Costs 0

Description:

There are no other costs associated with this Project.

Row (h) Construction/Implementation Contingency 0

Assumptions:

There are no contingency costs associated with construction/implementation of this project.

Percentage used for contingency % Cost (\$)

TOTAL ESTIMATED COST OF THIS PROJECT 315,000

This project will be funded
through the following
mechanisms:

Non-State Share (match):	\$	<input type="text" value="230,000"/>
Requested Grant Funding:	\$	<input type="text" value="85,000"/>
Other State Funds being Used:	\$	<input type="text" value="#N/A"/>

Table 7 - Project Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: F. Pescadero Creek Watershed DAC Integrated Flood Reduction and Habitat Enhancement Project

Budget Category		(a)	(b)	(c)	(d)	(e)
		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$5,000	\$0	\$5,000	0%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$0	\$0	\$0	\$0	0%
(d)	Construction/Implementation	\$0	\$98,000	\$0	\$98,000	0%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$0	\$0	\$0	\$0	0%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$0	\$103,000	\$0	\$103,000	0%

*List sources of funding: No match will be provided for this project

Project Title: E. Disadvantaged Communities Richmond Shoreline and City of San Pablo Flood Project**Budget Category (a): Direct Project Administration Costs****Description:**

Project administration costs for this project are estimated to be \$5,000. This assumes project administration costs will be about 5% of the total project costs. Grant administration costs include costs for preparing quarterly and final reports for submittal to DWR

Task 1 Administration Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Manager	\$70.00	32	2,240	Mailings	1,220	3,460
Total		32	2,240		1,220	3,460

Task 2 Labor Compliance Program Budget

Not Applicable.

Task 3 Reporting Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Manager	\$70.00	22	1,540			1,540
Total		22	1,540		0	1,540

Budget Category (a) Total **5,000**

Budget Category (b): Land Purchase/Easement (if applicable) **0**

Not applicable. This project does not require land purchase/easements.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Task 4 Assessment and Evaluation**

The cost for this task is included under Task 9 Implementation.

Task 5 Final Design

The cost for this task is included under Task 9 implementation.

Task 6 Environmental Documentation

Applicable. The Program is not considered a project under CEQA [CEQA Guideline 15378]

Task 7 Permitting

Not applicable. This program does not require permits.

Budget Category (c) Total **0**

Budget Category (d): Construction/Implementation**Description:**

Implementation costs for this project are estimated to be \$98,000 and include the following activities:

- 4.1 Develop Restoration Guidance
- 5 Develop Technical Solutions to Flooding
- 9 Collaborate with Local Stakeholders to Evaluate Flood Management Alternatives

Task 8 Construction Contracting

Not applicable. This project will not involve any construction.

Task 9 Implementation

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Director	\$95.00	154	14,630	Consultant (FWRE)	60,000	74,630
Project Manager	\$70.00	236	16,520			16,520
Conservation Associate	\$55.00	70	3,850			3,850
Students	\$600/stipend		3,000			3,000
Total		460	38,000		60,000	98,000

Budget Category (d) Total **98,000**

Budget Category (e): Environmental Compliance/Mitigation/Enhancement**Task 10 Environmental Compliance/Mitigation/Enhancement**

Not applicable. The program is not considered a project under CEQA [CEQA Guideline 15378].

Budget Category (e) Total 0

Budget Category (f): Construction Administration**Task 11 Construction Administration**

Not applicable. The Program does not include construction activities.

Budget Category (f) Total 0

Row (g) Other Costs 0

Description:

There are no other costs associated with this Project.

Row (h) Construction/Implementation Contingency 0

Assumptions:

There are no contingency costs associated with construction/implementation of this project.

Percentage used for contingency

0

%

Cost (\$)

0

TOTAL ESTIMATED COST OF THIS PROJECT

103,000

This project will be funded
through the following
mechanisms:

Non-State Share (match):

\$

0

Requested Grant Funding:

\$

103,000

Other State Funds being Used:

\$

#N/A

Table 7 - Project Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: G. Pescadero Creek Steelhead Smolt Outmigrant Trapping

Budget Category		(a)	(b)	(c)	(d)	(e)
		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$5,960	\$0	\$5,960	0%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$0	\$0	\$0	\$0	0%
(d)	Construction/Implementation	\$32,300	\$113,350	\$0	\$145,650	22%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$3,200	\$0	\$0	\$3,200	100%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$35,500	\$119,310	\$0	\$154,810	23%

***List sources of funding: Match funds are provided by reduced hourly rate of lead biologists and volunteer time of the fisheries biologist to secure proper permits for project**

Project Title: G. Pescadero Creek Steelhead Smolt Outmigrant Trapping**Budget Category (a): Direct Project Administration Costs****Description:**

Project administration costs for this project are estimated to be \$5,960. This assumes project administration costs will be about 4% of the total project costs. Grant administration costs include costs for preparing quarterly and final reports for submittal to DWR

Task 1 Administration Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
RCD Project Manager	\$95.00	12	1,140			1,140
RCD Support Staff	\$70.00	35	2,450			2,450
Total		47	3,590		0	3,590

Task 2 Labor Compliance Program Budget

Not Applicable.

Task 3 Reporting Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
RCD Project Manager	\$95.00	8	760			760
RCD Project Staff	\$70.00	23	1,610			1,610
Total		31	2,370		0	2,370

Budget Category (a) Total **5,960**

Budget Category (b): Land Purchase/Easement (if applicable) **0**

Not applicable. This project does not require land purchase/easements.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Task 4 Assessment and Evaluation**

Not applicable. This project does not involve preparation of assessment and evaluation studies.

Task 5 Final Design

Not applicable. The project does not include any design services.

Task 6 Environmental Documentation

Not applicable. The Program is not considered a project under CEQA [CEQA Guideline 15378]

Task 7 Permitting

The cost shown for this task will be provided as matching funds to the project by the lead fisheries biologist.

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Fisheries Biologist	100	32	3,200			3,200
Total		32	3,200		0	3,200

Budget Category (c) Total **3,200**

Budget Category (d): Construction/Implementation**Description:**

Implementation costs for this project are estimated to be \$98,000. No construction will occur. Funds in this task cover purchase of equipment, time for fisheries biologist (Podlech and Robins), field tech, and CEMAR fisheries biologist (for coordination with related projects). Please note that the lead biologists, Mike Podlech and Jim Robins, are providing additional match (\$16,300) via reduced rates. Podlech's 2010 rate is \$120/hr and Robins' is \$130/hr.

Task 8 Construction Contracting

San Mateo RCD will subcontract with a fisheries biologist to coordinate trapping and monitoring activities. No construction will be required for this project.

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Fisheries Biologist	\$100.00	32	3,200			3,200
Total		32	3,200		0	3,200

Task 9 Construction/Implementation

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Lead Biologist	\$100.00	500	50,000	Consultant Biologist (Podlech)	16,300	66,300
Biologist/PM	\$100.00	210	21,000			21,000
Field Tech.	\$50.00	320	16,000			16,000
CEMAR PM	\$115.00	10	1,150			1,150
Matching Funds						
Volunteers	\$20.00	800	16,000			16,000
Total		1,840	104,150		16,300	120,450

Equipment			
Materials Used	Unit Costs (\$)	No. of Units	Total (\$)
Rotary Screw Trap	22,000	1	22,000
Total			22,000

Budget Category (d) Total 145,650

Budget Category (e): Environmental Compliance/Mitigation/Enhancement**Task 10 Environmental Compliance/Mitigation/Enhancement**

Not applicable. The program is not considered a project under CEQA [CEQA Guideline 15378].

Budget Category (e) Total 0

Budget Category (f): Construction Administration

Task 11 Construction Administration

Not applicable. The Program does not include construction activities.

Budget Category (f) Total

0

Row (g) Other Costs

0

Description:

There are no other costs associated with this Project.

Row (h) Construction/Implementation Contingency

0

Assumptions:

There are no contingency costs associated with construction/implementation of this project.

Percentage used for contingency

0

%

Cost (\$)

0

TOTAL ESTIMATED COST OF THIS PROJECT

154,810

This project will be funded
through the following
mechanisms:

Non-State Share (match):

\$

35,500

Requested Grant Funding:

\$

119,310

Other State Funds being Used:

\$

#N/A

Table 7 - Project Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: H. Stream Channel Shapes and Floodplain Restoration Guidance and Watershed Restoration in San Francisquito Creek, East Palo Alto, a DAC

		(a)	(b)	(c)	(d)	(e)
Budget Category		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$0	\$11,500	\$0	\$11,500	0%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$80,800	\$202,200	\$0	\$283,000	29%
(d)	Construction/Implementation	\$0	\$16,300	\$0	\$16,300	0%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$0	\$0	\$0	\$0	0%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$80,800	\$230,000	\$0	\$310,800	26%

*List sources of funding: \$80,800 combined match from the U.S. Forest Service (\$23,800), EPA (\$30,000), San Francisquito JPA (\$10,000), and the SF Foundation (\$17,000)

Project Title: Project Title: H. Stream Channel Shapes and Floodplain Restoration Guidance and Watershed Restoration in San Francisco Creek, East Palo Alto, a DAC

Budget Category (a): Direct Project Administration Costs

Description:

Project administration costs for this project are estimated to be \$11,500. This assumes project administration costs will be about 4% of the total project costs. Grant administration costs include costs for preparing quarterly and final reports for submittal to DWR

Task 1 Administration Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Manager	\$100.00	69	6,900			6,900
Total		69	6,900		0	6,900

Task 2 Labor Compliance Program Budget

Not Applicable.

Task 3 Reporting Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Project Manager	\$100.00	46	4,600			4,600
Total		46	4,600		0	4,600

Budget Category (a) Total **11,500**

Budget Category (b): Land Purchase/Easement (if applicable)

0

Not applicable. This project does not require land purchase/easements.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Description:**

Planning costs for this project are estimated to be \$283,000 and include the following activities:

4.1 Site Selection

4.2 Field Geomorphic Surveying and Data Collection

4.3 Data Compilation, Analysis and Creek Design Curves Preparation

4.4 Preparation of TM with Results and Curve Data

4.5 Technical Assistance for Stream and Wetland Restoration Design

4.6 Organize and Convene Watershed Partners

4.7 Coordinate Community Campaigns/Workshops

4.8 Document Community Vision

Of the total cost, \$80,800 is provided as match by USEPA, USFS, SF Foundation and San Francisquito Creek JPA.

Task 4 Assessment and Evaluation

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Executive Director	\$50.00	224	11,200	Travel Expenses	4,600	15,800
Executive Director	\$1,000 per workshop	6 workshops	6,000	200 ft tape, tripod, GPS unit, Google Earth Pro, range finder, current meter	6,750	12,750
Engineer/Field Geomorphologist	\$100.00	1438	143,800			143,800
Student	\$600 stipend per student	5 students	3,000			3,000
Workshop Facilitator	\$4,000 per workshop	6 workshops	24,000			24,000
Student Intern	\$15.00	190	2,850			2,850
Matching Funds						
USEPA match toward staff time for Far West Engineering in watershed sciences	LS		30,000			30,000
USFS match in staff time and transportation	LS		23,800			23,800
SF Foundation in-kind match for applicable projects related to San Francisquito Creek	LS		17,000			17,000
San Francisquito Creek JPA match in staff time and materials	LS		10,000			10,000
Total			271,650		11,350	283,000

Task 5 Final Design

Not applicable. The project does not include any design services.

Task 6 Environmental Documentation

Not applicable. The Program is not considered a project under CEQA [CEQA Guideline 15378]

Task 7 Permitting

Not applicable. This program does not require permits.

Budget Category (c) Total

283,000

Budget Category (d): Construction/Implementation**Description:**

Implementation costs for this project are estimated to be \$16,300 and include the following activities:

9.1 Design Visual Tool

9.2 Work with Local Youth in Underserved Communities on Planting and Restoration Projects

Task 8 Construction Contracting

Not applicable. This project does not involve construction.

Task 9 Construction/Implementation

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
Youth outreach support	\$35.00	60	2,100	Graphic Designer	10,000	12,100
Environmental Advocate	\$50.00	24	1,200	Consultant - slideshow development	1,500	2,700
Executive Director	\$50.00	30	1,500			1,500
Total			4,800		11,500	16,300

Budget Category (d) Total 16,300**Budget Category (e): Environmental Compliance/Mitigation/Enhancement****Task 10 Environmental Compliance/Mitigation/Enhancement**

Not applicable. The program is not considered a project under CEQA [CEQA Guideline 15378].

Budget Category (e) Total 0**Budget Category (f): Construction Administration****Task 11 Construction Administration**

Not applicable. The Program does not include construction activities.

Budget Category (f) Total 0**Row (g) Other Costs** 0**Description:**

There are no other costs associated with this Project.

Row (h) Construction/Implementation Contingency 0**Assumptions:**

There are no contingency costs associated with construction/implementation of this project.

Percentage used for contingency 0 % Cost (\$) 0

TOTAL ESTIMATED COST OF THIS PROJECT

310,800

This project will be funded through the following mechanisms:

Non-State Share (match):	\$	80,800
Requested Grant Funding:	\$	230,000
Other State Funds being Used:	\$	#N/A

Table 7 - Project Budget

Proposal Title: San Francisco Bay Area Regional Priority Projects and Programs (Round 1)

Project Title: I. Pescadero Creek Steelhead Smolt Outmigrant Trapping

Budget Category		(a)	(b)	(c)	(d)	(e)
		Non-State Share* (Funding Match)	Requested Grant Funding	Other State Funds Being Used	Total	% Funding Match
(a)	Direct Project Administration Costs	\$462	\$18,908	\$0	\$19,370	2%
(b)	Land Purchase/Easement	\$0	\$0	\$0	\$0	0%
(c)	Planning/Design/Engineering/ Environmental Documentation	\$0	\$0	\$0	\$0	0%
(d)	Construction/Implementation	\$124,538	\$359,258	\$0	\$483,796	26%
(e)	Environmental Compliance/ Mitigation/Enhancement	\$0	\$0	\$0	\$0	0%
(f)	Construction Administration	\$0	\$0	\$0	\$0	0%
(g)	Other Costs	\$0	\$0	\$0	\$0	0%
(h)	Construction/Implementation Contingency	\$0	\$0	\$0	\$0	0%
(i)	Grand Total (Sum rows (a) through (h) for each column)	\$125,000	\$378,166	\$0	\$503,166	25%

***List sources of funding: \$60,000 match SCVWD; \$35,000 match NBWA; \$30,000 in kind match from Napa RCD**

Project Title: I. Pescadero Creek Steelhead Smolt Outmigrant Trapping**Budget Category (a): Direct Project Administration Costs****Description:**

Project administration costs for this project are estimated to be \$19,370, with \$462 included as in-kind match. This assumes project administration costs will be about 4% of the total project costs. Grant administration costs include costs for preparing quarterly and final reports for submittal to DWR.

Task 1 Administration Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
CEMAR Administrator	\$65.00	179	11,635			11,635
Total		179	11,635		0	11,635

Task 2 Labor Compliance Program Budget

Not Applicable.

Task 3 Reporting Budget

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
CEMAR Administrator	\$65.00	119	7,735			7,735
Total		119	7,735		0	7,735

Budget Category (a) Total**19,370****Budget Category (b): Land Purchase/Easement (if applicable)****0**

Not applicable. This project does not require land purchase/easements.

Budget Category (c): Planning/Design/Engineering/Environmental Documentation**Task 4 Assessment and Evaluation**

Not applicable. This project does not involve preparation of assessment and evaluation studies.

Task 5 Final Design

Not applicable. The project does not include any design services.

Task 6 Environmental Documentation

Not applicable. The Program is not considered a project under CEQA [CEQA Guideline 15378]

Task 7 Permitting

The cost for this task is included under Task 9.

Budget Category (c) Total**0**

Budget Category (d): Construction/Implementation**Description:**

Implementation costs for this project are estimated to be \$482,756. Of this total, \$124,538 is provided as matching funds, which includes \$60,000 from Santa Clara Valley Water District (SCVWD) and \$35,000 from North Bay Watershed Association (NBWA).

Task 8 Construction Contracting

Not applicable. This project does not include construction.

Task 9 Construction/Implementation

Labor Cost				Expenses		Total Cost \$ (rounded)
Discipline	Rate (\$/hr)	Hours	Total (\$)	Expense Item	Cost (\$)	
CEMAR Sr. Scientist	\$115.00	397	45,655	Travel and Fieldwork Costs	28,498	74,153
CEMAR Exec Director	\$135.00	75	10,125		1,040	11,165
CEMAR GIS Specialist	\$90.00	230	20,700			20,700
CEMAR Assistant Scientist	\$80.00	86	6,880			6,880
SCVWD Biologist	\$84.00	700	58,800			58,800
Sonoma Biologist	\$69.00	480	33,120			33,120
SSRCD Manager	\$80.00	30	2,400			2,400
SSRCD Consultant Biologist	\$95.00	352	33,440			33,440
SEC Outreach Coordinator	\$70.00	157	10,990			10,990
SEC Manager	\$95.00	40	3,800			3,800
RCD Biologist	\$86.00	925	79,550			79,550
RCD Hydrologist	\$66.00	458	30,228			30,228
RCD Aide	\$19.00	780	14,820			14,820
Watershed Specialist	\$70.00	125	8,750			8,750
Additional Matching Funds						
SCVWD			60,000			60,000
NBWA			35,000			35,000
Total		4,835	454,258		29,538	483,796

Budget Category (d) Total**483,796****Budget Category (e): Environmental Compliance/Mitigation/Enhancement****Task 10 Environmental Compliance/Mitigation/Enhancement**

Not applicable. The program is not considered a project under CEQA [CEQA Guideline 15378].

Budget Category (e) Total**0****Budget Category (f): Construction Administration****Task 11 Construction Administration**

Not applicable. The Program does not include construction activities.

Budget Category (f) Total**0**

Row (g) Other Costs**0****Description:**

There are no other costs associated with this Project.

Row (h) Construction/Implementation Contingency**0****Assumptions:**

There are no contingency costs associated with construction/implementation of this project.

Percentage used for contingency

0

%

Cost (\$)

0

TOTAL ESTIMATED COST OF THIS PROJECT**503,166**This project will be funded
through the following
mechanisms:

Non-State Share (match):

\$

125,000

Requested Grant Funding:

\$

378,166

Other State Funds being Used:

\$

#N/A